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APR 9 1927

Siegel's Seed Store

1517 State St.

1003 Parade St.

Erie, Pa.



GALLON
MAG

Siegel's Annual Seed Guide

1927

D. N. Shoemaker

Choice Selected Farm Seeds

WE DEVOTE CAREFUL ATTENTION TO THE GROWTH AND SELECTION OF THE

BEST

Clover, Grass and Farm Seeds

PRICES ARE STRICTLY CASH

DON'T ASK FOR CREDIT

FUTURE ORDERS

We will book your orders now for Clover and Timothy Seed at prices quoted below and will hold same and ship when you are ready. It will require a deposit of \$4.00 per bu. on Clover and 50 cents per bu. on Timothy to guard against market fluctuations and to hold the order.

Prices here quoted are those ruling at this date and are subject to market fluctuations. BAGS are charged at cost price, 40c. NO CHARGE FOR CARTAGE. All put on cars free at Erie.

When ready to buy ask for firm quotations.

MARCH 1, 1927.

NOTICE—Bags and Jute Sacks are not Returnable. We have to adhere to this.

But if you wish to send your own bags, by parcel post to put your own seed in, do so. If you want to play safe, send enough bags so they can be doubled up.

BABY CHICKS—See Page 46

	lbs. to bu.	bu.
CLOVER—Mammoth or Pea Vine, choice recleaned	60	\$27.00
CLOVER—Medium choice recleaned, Purity 99%, Germ. 92%	60	26.00
CLOVER—Alsike, choice recleaned, Purity 97%, Germ. 92%	60	24.00
CLOVER—White, choice recleaned	60 per lb.	.60
CLOVER—Alfalfa choice recleaned, northern grown seed	60	17.00
CLOVER—Alfalfa, Genuine Grimm	60	24.00
TIMOTHY—Choice, recleaned Purity 99.60% Germ. 92%	45	3.40
BLUE GRASS—Fancy, choice Kentucky	19 per lb.	.40
BLUE GRASS—Canadian, recleaned	19 per lb.	.40
RED TOP—Fancy rubbed seed, free from chaff	per lb.	.40
SWEET CLOVER—Melelotus White Blossoming, Scari- fied	60	8.00
CANADA FIELD PEAS—Often called Cow Peas	60	3.75
SPRING WHEAT—Marquis Type—Recleaned	60	4.00
BARLEY—Oderbucker—6 rowed	48	2.00
SEED OATS—Swedish Select 40 lb. Seed	32	.90

	lbs. to bu.	pk.	bu.
GERMAN MILLET—Choice	50	\$ 1.00	\$3.60
JAPANESE MILLETT—Often called Billion Dollar Grass	32	.60	2.50
SOWING RAPE—Price per lb., post paid, 25c; by express or freight, per 10 lbs.			\$1.00;
100 lbs			\$9.00.

Prices on other Field Seeds upon application.

ASPARAGUS

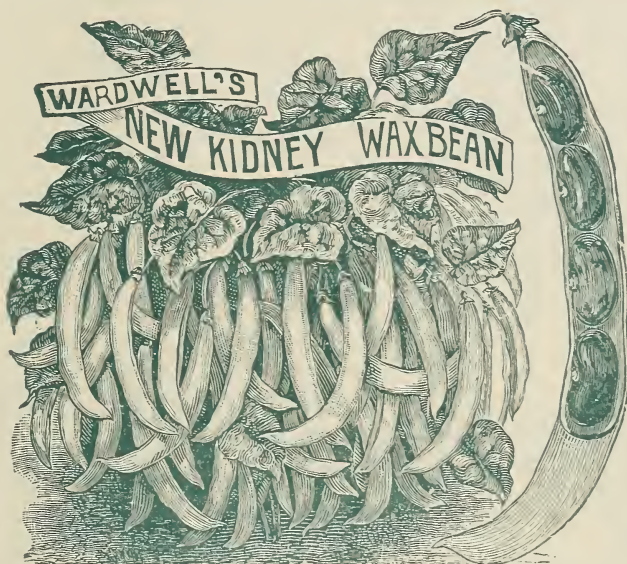
Sow 5 lbs. per Acre for Roots, or 1 oz. to 100 ft.

Asparagus grows easily in almost any good soil but best results are obtained in well-riched, deeply-dug, sandy loam. A well-cared for bed improves with age, and lasts for many years. It may be established from seed, but much is saved by planting roots. Seed should be sown thinly in early spring, in rows 1 foot apart. Thin out the weakest plants, so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed in rows 3 ft. apart, 8 to 10 inches deep, setting the roots 1 ft. to 1½ ft. apart from where it can be cut three years later. Remember you cannot over fertilize Asparagus.

WASHINGTON—This new giant rust resisting strain originated through the labors of the Department of Agriculture, and is proving the most tender and prolific green asparagus known. Try it by your old bed and see. Per oz. 20c; ¼ lb. 75c; lb. \$2.00.

WASHINGTON ASPARAGUS ROOTS—Two-year old roots only. 35c per doz.; \$1.50 per 100; \$12.00 per 1000. Special prices on larger quantities.

Use
Semesan
On all
Garden
Seeds
It
Hastens
Germina-
tion



Inoculate
Beans
With
Nodule
Bacter
It
Increases
Yield

BEANS--Dwarf or Bush

One Quart Will Plant One Hundred Feet of Drill

CULTURE—Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy ground the beginning of settled warm weather in spring, and at intervals for succession, until August. Rows may be made 2 feet apart, and Beans planted a few inches apart in the drills, or three or four beans in hills ten to twelve inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

NOTE—A pint of Beans weights approximately 1 lb. and a quart 2 lbs. For orders sent Parcel Post consult table on inside front cover for rates

WAX BEANS--Yellow Podded

WARDELL'S KIDNEY WAX—One of the earliest, hardiest and most productive, almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality; the market gardener's favorite.

PROLIFIC BLACK WAX—Pencil Pod strain. An improvement on the old German Black Wax; of more vigorous habit and far more productive.

NEWHODSON BUSH WAX BEAN—This is a new, rather late season, wonderfully prolific Wax Bean. The growth is remarkably vigorous, almost entirely free from rust and loaded with long, straight, handsome pods. The yield from the Hodson Wax Bean averages 20 to 30 per cent heavier than from other wax varieties.

DAVIS KIDNEY WAX—Pods long, straight, oval; clear waxy white color. Very productive.

Prices on above Beans are: Pkt. 10c; pint 30c; quart 50c; peck \$3.00; bushel \$11.00.

GREEN POD BEANS

BOUNTIFUL—Early, hardy and the most productive flat podded green bean known.

GIANT STRINGLESS—Green pod, an improvement over the Early Valentine. Pod flat.

BURPEE'S STRINGLESS GREEN POD—A very early variety in a round pod.

STRINGLESS REFUGEE—A variety of round pod for late planting. Excellent for pickling or canning. Heavy bearer.

Prices on above Beans are: Pkt. 10c; pint 30c; quart 50c; peck \$3.00; bushel \$11.00.

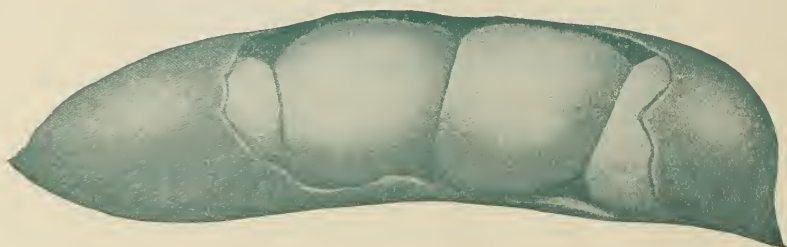
SHELL OR WINTER BEANS

IMPROVED ROYAL WHITE KIDNEY—Excellent either for shelling when green or baking when ripe. Pkt. 10c; pt. 20c; qt. 35c; pk. \$2.75.

MICHIGAN WONDER BEAN, OR NAVY—This variety was brought out by the Michigan Agricultural College, a few years ago, and is highly recommended by them and the farmers throughout the state. It is some earlier than the common varieties of field beans, ripens very evenly and yields heavily. Price, pkt. 10c; pt. 15c; qt. 25c; pk. \$1.75.

KENTUCKY WONDER, GREEN POD—A snap Bean of wonderful growth, pods grow in clusters, are nearly a foot long, round and pulpy. Pkt. 10c; pt. 25c; qt. 60c. Post paid.

LIMA BEANS



BURPEE'S FORDHOOK BUSH LIMA—Fordhook Bush Lima has an ideal growth, and bears tremendous crops. The beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Greer's Bush, while the beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large beans. Price: Pkt. 10c; pt. 35c; qt. 70c. Post paid.

"BURPEE IMPROVED" BUSH LIMA—The pods are truly enormous in size—bear abundantly and well filled with handsome beans, which are both larger and thicker than those of the popular Burpee's Bush Lima—and fully eight days earlier. When shelled are greener, sell quicker, and are the money maker for market gardener. Pkt. 10c; pt. 30c; qt. 55c. Post paid.

SEIBERT'S EARLY POLE LIMA—This is the very earliest. It will not only give large Lima Beans earlier than any other strain, but is also extremely productive. Pkt. 10c; pt. 35c; qt. 65c. Post paid.

For best results inoculate Peas and Beans with Nodule Bacter. It will double your crop.

BEETS

One Ounce Will Sow a Row About 50 Feet Long; 5 Pounds are Required to Sow an Acre

CULTURE—Fibrous loam, well-drained and well-enriched, will raise good beet crops. For early table Beets, have drills 15 to 20 inches apart, and sow the seeds about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground to give an extra crop. Give thorough and clean cultivation, and thin the plants to 3 or 4 inches apart in rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

EARLY WONDER—The Beet that Beats Them All—It is the earliest, the most perfect shaped, finest appearing bunch Beet in the market; beautiful dark coloring, small top, single tap root, excellent keeper, truly the ideal Beet. Used not only as a bunch Beet, but grown extensively for late fall sowing because it grows two weeks quicker than any other Beet worth while. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25. Post paid.

CROSBY IMPROVED OR EGYPTIAN—Forty-one days. An early Beet, somewhat flat, dark blood red; quality the best; the very best for market gardeners. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Post paid.

DETROIT DARK RED—Fifty days. A choice variety of early Turnip Beet. The tops make an upright growth, thus allowing the planting in close rows, a valuable feature where space is limited. The Beet is somewhat globe shape, skin deep blood-red and flesh rich red, zoned with a darker shade. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Post paid.



Beet Early Wonder



Swiss Chard—Giant Lucullus

SWISS CHARD, GIANT LUCULLUS (See Cut)—The leaves of the Swiss Chard are used as greens, cooked in the same manner as Spinach, and the larger ribs are prepared like asparagus, in which manner they are delicious. "Giant Lucullus" is the largest and best variety of Swiss Chard, and you should not fail to plant at least one long row in your garden this spring. Pkt. 10c; oz. 15c. Post paid.



Brussels Sprouts

BRUSSELL SPROUTS

One of the most delicious vegetables, easy grown. Produces small heads, resembling miniature cabbage. Are used as greens. Very tender, when touched by frost. Sow in May and manage as a winter cabbage. In the fall the leaves should be broken down, so that the little cabbages will have more room to grow. Price, pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.00. Post paid.

CABBAGE

One Ounce will produce 1,500 Plants. Quantity to transplant one acre, one-half pound.

Our Seeds is grown from selected heads, and saved from center shoots.



J.B.R.S. Co.

CULTURE—Seeds sown in hotbeds or green house about February 15 will give plants large enough to transplant into hot beds about March 10. Set them 2 or 3 inches apart each way, and as soon as they become well established remove the glass part of the day to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 or 20, when the final transplanting may be made. Plants for this early crop need not stand further apart than $1\frac{1}{2}$ to 2 feet. For late crops, sow seed in April or May, and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2x3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. To insure large, solid heads of Cabbage, the soil must be plowed deep and made very rich with well rotted manure, or heavy applications of high-grade fertilizer. Cabbage is a rank feeder, and it pays well to have lots of fertilizer.

EARLY JERSEY WAKEFIELD—This is the standard early variety; heads of medium size; conical shape. Its fine heading properties, together with its fitness for wintering in cold frames, have secured for it the high esteem of market gardeners. Per pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$3.00. Post paid.

COPENHAGEN MARKET—It is an early round-headed cabbage. Plants vigorous but compact, averaging 8 lb. It is ready for the market in this section by July 1st. This is another good Cabbage from Denmark. Price per pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$3.00 Post paid.

COPENHAGEN MARKET SPECIAL—A more uniform header than the old type. Specially grown from selected heads. Per pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

GOLDEN ACRE—A new introduction of an early round head Cabbage. Earlier than Copenhagen Market. Price, pkt. 10c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$7.50.

GLORY OF ENKHUIZEN—Our records show this grand Cabbage from Holland to be one of the best either for an early or a second early sort. The heads are frequently twice as large as the Old Early Flat Dutch, and weigh three times as much. They are fine ribbed and one of our best fall cabbages. Prices, pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.50. Post paid.

ALLHOUSER—One of the best all round fall Cabbages, grows large, has solid heads, and is fine for Kraut. Price, pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Post paid.

CABBAGE Continued

SELECT DANISH ROUNDHEAD (Ballhead)—An early strictly short stem type of Danish origin. This cabbage is without a doubt the most popular among our growers in this section on account of the extreme solidity, great weight, and superior keeping qualities. This is of the true short stem type, overcoming the objections to the former long stem variety. Prices, pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50. Post paid.

BUGNER'S SOLID LATE WINTER—This is the newest variety of all late Cabbages. Its trials in this section have proven it to be the greatest Cabbage for productiveness and keeping qualities. The tonnage produced is above all other sorts. A trial of this variety will convince you. It is the trucker's favorite. Price, pkt. 10c; oz. 60c; ¼ lb. \$2.00; lb. \$7.50. Post paid.

SAVOY, DRUMHEAD (Selected)—The quality and flavor of these "curled-leaved" Cabbages is very superior; grown in fall and allowed to be touched by frost, they are sweet, delicate, and most delicious. Price, pkt. 10c; oz. 25c; ¼ lb. 80c; lb. \$3.00.

"ZENITH" RED CABBAGE—We consider a great improvement over all existing sorts. It makes very solid, half early, extra thin ribbed heads of medium size of an exceedingly darker color, and only a few leaves in proportion to the head. Price, pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

CARROTS

One Ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

Use
Semesan
On All
Garden
Seed
It
Hastens
Germina-
tion.



Inoculate
Beans
With
Nodule
Bacter
It
Increases
Yield

CULTURE—Carrots require a very finely pulverized soil to grow them to perfection. A good light and well-enriched sandy loam is the best for this crop, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. For field culture sow in drills 3 to 3½ feet apart, so as to cultivate by horse. Market gardeners sow in drills about 18 inches apart, and cultivate by hand. For early crops cover ½-inch deep, and thin to six inches apart in the rows; for late, cover ¾-inch deep and thin to 4 inches. Carrot seed is slow to germinate. Sow a sprinkling of Radish with Carrot, so you can see to work the rows early.

CHANTENAY OR MODEL CARROT—Stump rooted, deep orange; one of the best; largely grown by market gardeners.

HENDERSON'S CORELESS—This variety is well known among the market gardeners and is still a great favorite.

HALF LONG STUMP ROOTED NANTES—Roots 6 to 8 inches long, nearly cylindrical, blunt ended, smooth and bright orange color. Flesh red, sweet and mild; almost coreless.

DANVER'S HALF LONG STUMP ROOTED—Very popular; heavy cropper.

OX HEART—Roots short and thick, color deep orange, one of the best.

LONG ORANGE IMP.—One of the old standbys.

Prices—On all above Carrots are: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

WHITE BELGIAN CARROT—This is used only for stock feed. Per lb. 75c. Post paid.

CAULIFLOWER

One Ounce of seed will produce about 1,800 Plants.



Early Snowball

CULTURE — For earliest Cauliflower, raise plants by sowing in hot-bed or greenhouse during January or February, and transplant to flat or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with copious water applications during dry weather, especially when the plants are heading and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When heads have formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th), start plants in open ground like late Cabbage, and handle them like that crop.

CAULIFLOWER TRUE EXPRESS SNOWBALL—At last we have succeeded in getting this grand stock. We warrant it to yield the choice of plants. This result was gained by a series of experiments which have gradually improved the stock to the highest grade of perfection. Our Express Snowball is the earliest of all Snowballs, the most dwarf and most compact in habit of growth, the surest header; it gives the largest, most snow-white and cleanest heads of all. A good keeper in dry weather. Price per pkt. 10c; oz. \$2.00. Post paid.

AUTUMN GIANT—A variety for late planting, especially so where and when dry weather conditions prevail. A good large header. Per pkt. 10c; oz. \$2.00.

CELERIAC, OR TURNIP ROOTED CELERY

(Knollen Sellerie)

CULTURE—Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants in moist, rich soil in rows two feet apart and six inches apart in the row. Give thorough culture. As the roots are the edible portion of the vegetable, it is most necessary to earth up or "handle" it. After the roots have attained a diameter of two inches or over, they are fit to use. To keep through winter pack in damp earth or sand and put in the cellar or leave out of doors, covering with earth and straw like beets and carrots.

GIANT LARGE SMOOTH PRAGUE—We have found this to be a great improvement on some of the older sorts; the root is turnip-shaped, tender and marrow-like, having a sweet taste and stronger celery odor than other sorts; used principally for seasoning meats and soups. Also excellent for salads. Pkt. 10c; oz. 25c; ¼ lb. 75c; Post paid.



Giant Prague

CELERY

To grow early Celery, sow the seed late in March in a hotbed or box and for later crops in the open ground, as soon as the weather becomes warm, cover lightly, or better still, roll or press it in. Cover with sand to avoid baking and spread a piece of burlap over the surface to keep it moist and prevent washing out of sand. Remove this gradually as the sprouts show. Shade the young plants for a week or ten days, and do not let the soil dry out. The tops may be shorn off once or twice before planting, so as to insure "stocky" plants,



which will suffer less on being transplanted. When from four to six inches high, transplant into broad, shallow trenches, or on the level ground, setting the dwarf sorts into rows three feet apart, and the tall varieties four feet apart and six inches apart in the rows. The soil should be light, highly manured, partially shaded and moist, or near water, as the plant must be freely watered in dry weather but it should not be put directly on them. Earthing up checks growth and should not begin until quite well grown, then earth up gradually, keeping the leaf stocks close together, so that the soil may not fall into the center of the plant, but never earth up in wet weather, nor when dew is on them. That intended for winter and spring use needs little banking; when stored for winter it will naturally bleach beautifully white.

One Ounce Will Produce About 3,000 Plants.

GOLDEN PLUME—This is a selected strain of Golden Self-Blanching, having a beautiful golden color and that rich, nutty flavor so much desired by lovers of fine Celery. It resists blight and rust to a remarkable degree, matures quite early, and keeps a long time. The Golden Plume is a mighty good shipping sort. It grows to large size and of fine proportions. A very attractive sort, hence an easy one to sell. Prices, pkt. 25c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

HENDERSON'S CALIFORNIA EASY BLEACHER—This is the most valuable variety of recent introduction. Planted the same time as Golden Self Blanching it will be ready for market two weeks earlier. Bleaches readily with boards and grows well both on muck and upland. It is equally as stout and a trifle taller than Golden Self-Blanching, and is much less liable to blight. The eating and keeping qualities are both superior to Golden Self-blanching. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. \$1.25.

GOLDEN SELF-BLANCHING, FRENCH GROWN—An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with little yellowish-green outer leaves. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

GIANT PASCAL—One of the best for fall and winter use. It bleaches very easily and quickly. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

DWARF GOLDEN HEART—This variety comes in for use at Christmas, and well into the spring. The stalk is short and very brittle. The heart or inner stalks are a rich golden yellow. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c.

CHICORY OR FRENCH ENDIVE

WITLOF CHICORY or FRENCH ENDIVE—This European delicacy has in the past few years become a standard salad in all of the best American hotels and restaurants. It can be easily grown by any one. Seed is planted in the spring and roots like parsnips are produced. The roots are stored in sand until wanted for growing on during the winter. They are then forced in soil in some deep place. Pkt. 10c; oz. 40c:

C O R N

One Quart Will Plant 200 Hills. Eight to Ten Quarts an Acre in Hills.

A Pint of Sweet Corn weighs approximately $\frac{3}{4}$ lb.; $1\frac{1}{2}$ lbs. to the quart. If wanted Parcel Post consult table on inside Front Cover for rate. A packet of Sweet Corn contains 3 oz.

CULTURE—Seeds of the sweet varieties are liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risk. Often the plants, when once up, will escape injury by a belated light frost. Plant in warm soil, making the rows 3 feet apart for the dwarfed early sorts, and 4 feet apart for the taller late sorts. Hills to be $1\frac{1}{2}$ to 2 feet apart in the rows. For succession plant every two weeks up to July 1st.



SELECT GOLDEN BANTAM—Early Sweet Corn, comes in after the Early Cory's and yet the most delicious Sweet Corn grown. Some of our customers only plant this. Make a planting every two weeks throughout the season, about July 20th making the last. Planting our stock will always grow. Double tested.

Price: Pkt. 10c; pt. 25c; qt. 45c; Pk. \$3.00.

KENDAL'S EARLY SWEET CORN—Gardeners report the corn ready for use in 60 days grown on sand and 72 days on heavy clay. The ears grow to a tremendous size, measuring 8 to 10 inches long. When first in market it is sold for evergreen. Price Pkt. 10c; pt. 25c; qt. 45c.

BURPEE'S EARLY HOWLING MOB—It is ready for use only three to five days later than the Extra Earliest, but the ears are so much whiter and sweeter that it should be compared with the second early sorts. Price, pkt. 10c; pt. 25c; qt. 45c.

BLACK MEXICAN—One of the sweetest, grain black when ripe. Price, pkt. 10c; pt. 25c; qt. 45c.

STOWELL'S EVERGREEN—The old standby. Nothing better for main crop. This and Golden Bantam are the two ideal corns for home gardening. Price, pkt. 10c; pt. 25c; qt. 45c.

BARDEN'S WONDER BANTAM—This splendid new corn has the sweetness and fine flavor of the golden bantam and is ready for the market at about the same time. It has the added merit of size, the ears ranging from 8 to 10 inches in length and grows up higher on the stalk. Market gardeners will find this a profitable variety to grow as it has earliness, quality, size and productiveness to recommend it. Prices, pkt. 10c; pt. 25c; qt. 45c.

EARLY MAYFLOWER—Popular in eastern states, as it is the earliest real Sweet Corn of good size. Matures earlier than White-Cob Cory. Ears six inches long, with 10 to 12 rows of pure white, sweet grains. Prices, pkt. 10c; pt. 25c; qt. 45c.

COUNTRY GENTLEMEN (New)—Very distinct from any other sort; sometimes yields as many as five on a stalk; cob very small, with deep kernels of pearly whiteness; this is considered the finest Sweet Corn of all; the quality is delicious; try it. Price, pkt. 10c; pt. 25c; qt. 45c.

COLLARDS

CULTURE—Sow seed the same as for late Cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. One ounce will produce about 8,000 plants.

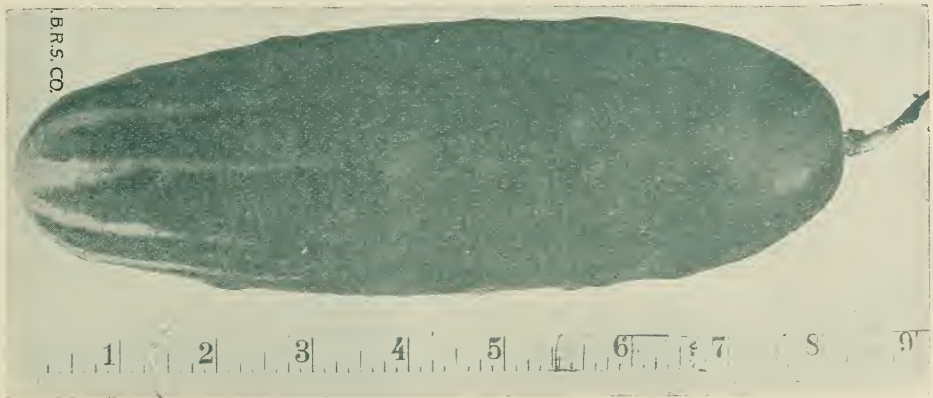
CREOLE OR SOUTHERN—Cabbage greens, used as a substitute for Cabbage. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

CORN SALAD OR FETTICUS

CULTURE—Sow in August or September for winter or spring about one-quarter inch deep, in rows one foot apart. Thin out and keep clear of weeds. Protect in winter by thin covering of straw or meadow hay. Ready early in spring; use same as Lettuce. For summer use sow early in spring.

LARGE SEEDED BROAD LEAF—Leaves large and broad. Used as substitute for Lettuce and Spinach. The best sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

CUCUMBER



Early Fortune Cucumber

One ounce of seed will plant 60 hills; 2 or 3 pounds per acre.

CULTURE—For general crop sow from about the first to the middle of May in rich, mellow, warm soil. Use a shovelful of well-rotted manure in each hill; cover one-half inch deep with earth and press down. When danger from bugs is past, thin out to four plants to a hill. For pickles, plant from June to middle of July. Always pick fruit when ready, even if not needed, otherwise the productiveness of the vine is destroyed.

EARLY FORTUNE—The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering, flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

DAVIS' PERFECT—An extra long, dark green, type of White Spine; retains its color and good qualities long after being picked. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

SNOW'S PICKLING—An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many growers. We believe the seed we offer meets in all respects the requirements of those who want an ideal bottle pickle. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

CHICAGO PICKLING—Originating in Chicago, it is now known the country over as one of the most valuable of the pickling varieties. Of robust growth, it is a reliable and heavy cropper. Fruit is of fine dark green color. In shape, tapering to each end and very uniform. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

IMPROVED LONG GREEN—A favorite for sweet pickles and also desirable for slicing. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

DANDELION

CULTURE—Plants usually come up small and feeble. Sow seeds in good, clean loam, in drills 1 foot apart, and thin for transplanting to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter. One ounce to 100 feet of row. Cultivation for spring greens, is fast gaining favor. Our thick or cabbage leaved variety is best—unlike common sorts, almost double usual size.

IMPROVED THICK LEAF—Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

EGG PLANT

Sow the seeds in hotbeds early in March, transplant to small pots and plunge them in the same beds; this to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled, as cool nights and wet weather will check their growth. Set the plants in rows 3 feet apart each way, and give them thorough cultivation, drawing the earth up to the stems, when they are about a foot high. Repeated sowings are sometimes necessary, as the seed does not germinate freely without strong and uniform heat. An ounce of seed will produce 1,000 plants.

NEW YORK IMPROVED PURPLE—The best for general culture, and a leading market variety; fruit large, oval or heart-shaped. Started plants ready end of May. Price, pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.50.

BLACK BEAUTY—An old favorite among many. Price, pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.50. Post paid.



New York Purple Egg Plant

ENDIVE

One ounce will sow a row 200 feet.

Sow from June to August in shallow drills, and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with raffia, but do this at a time when the leaves are dry; this is called the blanching process.

BROAD LEAF BATAVIAN (Escarolle)—Leaves broad, light green, nearly plain. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c.

IMPROVED GREEN CURLED—An improvement, producing a larger head and more leaves. Pkt 10c; oz. 15c; $\frac{1}{4}$ lb. 50c.

HERBS



GENERAL CULTURE DIRECTIONS—Sow early in April or May, in a sheltered, well-prepared spot in the open ground, either broadcast or in shallow drills about seven inches apart. Thin out the plants thus raised, and keep clear from weeds. A few sweet aromatic and medicinal herbs are very valuable for flavoring soups, etc., and care should be taken to harvest them properly on a dry day, as they come into full blossom, then dry quickly and pack closely, entirely excluding the air. Label each sort.

BASIL, SWEET—The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt. 10c; oz. 25c.

CHERVIL, (Kerbel, Ger.)—Used for flavoring and garnishing. Pkt. 10c.

DILL, (Dill, Ger.)—Used mostly for flavoring pickles. Pkt. 10c; oz. 15c.

CRESS OR PEPPER GRASS (Kresse, Ger.)—The leaves form excellent spicy spring salads. Sow thickly in shallow drills early in spring, and at intervals, as it soon runs to seed. Pkt. 10c; oz. 15c.

SAGE (Salbel, Ger.)—Highly aromatic; most useful. Pkt. 10c; oz. 50c.

SUMMER SAVORY (Bonekraut, Ger.)—Used as a culinary herb, also largely for pickled beans, etc. Pkt. 10c; oz. 25c.

SWEETMAJORAM (Malrohm, Ger.)—Used for seasoning. Pkt. 10c; oz. 40c.

THYME (Thymian, Ger.)—Used for seasoning. Pkt. 10c; oz. 90c.

WORMWOOD—Leaves with very bitter taste. Is grown for medicinal purposes; recommended also as of value to poultry. Pkt. 10c; oz. 40c.

KALE OR BORECOLE

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June and cultivate the same as Cabbage. For early spring use, sow in September, and protect during the winter.

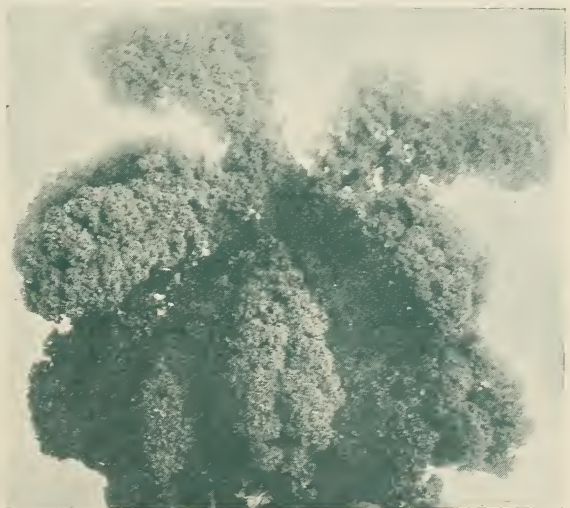
One ounce will produce about 1,000 plants.

DWARF CURLED SCOTCH

—Plants dwarf and compact; leaves numerous; bright green; so beautifully curled it resembles parsley. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c. Post paid.

TALL CURLED SCOTCH—

Same as above but grows to a height of 2 feet. Pkt 10c; oz. 15c; $\frac{1}{4}$ lb. 50c. Post paid.



Dwarf Curled Scotch Kale

KOHL-RABI

For an early crop start in the hot-bed and treat the same as early Cabbage. For winter use sow the middle of June. The stem just above the ground swells into a bulb resembling a turnip.

One ounce will produce about 1,500 plants

EARLY WHITE VIENNA—The flesh is white and tender. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; Post paid.



White Vienna Kohl Rabi

LEEK

One oz. of seed will furnish about 2,500 plants

CULTURE—The Leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in the spring as practicable, in drills $\frac{1}{4}$ inch deep and one foot apart. When six or eight inches high, they may



Monstrous Caretan.

be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.

MONSTROUS CARETAN—The largest variety, often three inches in diameter and becoming very white and tender. An exceptionally hardy and desirable sort. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00.

LETTUCE

CULTURE—Lettuce, to be at its best, should be grown rapidly, hence the soil should be made as rich and fertile as possible by liberal manuring and thorough preparation. Sow the seed in hotbeds or flats during February or early March, put the young seedlings out in flats or cold frames several inches apart each way, and, as soon as a nice rich, warm spot can be prepared in open ground in spring, transplant the well hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow thinly in open ground, and thin the plants to 5 or more inches apart. The above way is the best to grow head lettuce or large stalks. When wanted as a cut salad sow the seeds thickly in rows or broadcast. One ounce will sow 100 feet of drill.

LETTUCE Continued



Selected Grand Rapids

BIG BOSTON—A most desirable sort, either for forcing or outdoor planting. It always produces large, solid, saleable heads. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.95.

NEW YORK or WONDERFUL—A sure headed variety which is crisp, tender and of fine flavor. It is reliable in almost every soil. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

EARLY PRIZE HEAD (Seed White)—This old standard variety is still the best of the large, thin-leaved clustering sorts for the home garden. The leaves are crimped, bright green, tinged with brownish red and sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

COS LETTUCE (Romaine or Italian Lettuce)—Having narrow, spoon-shaped leaves, folding into loose, sugar loaf heads, very sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

GRAND RAPIDS—One of the best for forcing or outdoor planting. Has light green, curly leaves, and when quickly grown is very tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

GRAND RAPIDS EXTRA SELECTED STOCK—This special strain has been carefully selected for green house forcing. Nothing better. Per trade packet 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25. Post paid.

BLACK SEEDED SIMPSON—One of the most popular sorts. It forms large, loose leaves; very tender, and of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

MAY KING LETTUCE—A decidedly superior early heading sort. Grown under glass this variety matures a large handsome, light green head, practically as early as any of the strictly forcing sorts. Grown outdoors May King proved entirely satisfactory, and the earliest of all to form a remarkable head. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

MANGELS OR CATTLE BEET



CULTURE—The following varieties are extensively grown for feeding stock, and are excellent food to increase the flow of milk. As they grow much larger than the variety cultivated for table use, they require more room, and should be dropped about two inches apart in the drills, and when strong enough thinned out to 12 or 15 inches in the row. Six to eight pounds of seed will sow an acre. Mangels delight in deep, rich soil.

MAMMOTH PRIZE LONG
RED—The most largely grown of any of the Mangels; roots attain enormous size, producing 30 to 50 tons to the acre. Price, oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 50c.

YELLOW TANKARD or GOLDEN TANKARD—Best and most popular for dairy farming; said to contain a large amount of sugar. Oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 50c.

WHITE SILESIAN SUGAR—The variety so much grown in Europe for sugar making; very sweet and keeps well. Much relished by stock and poultry for winter feeding. Oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 50c.

MELON-MUSK

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed, mix a few shovelful of well rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. One ounce will plant 50 hills; three pounds are needed for an acre.



Golden Champlain Muskmelon

GOLDEN CHAMPLAIN—This melon proved to be a wonder last year and met with tremendous success. It is the earliest and best melon grown, this is what the originator says of it. The Golden Champlain Melon is the earliest melon and it can be grown much farther North than any high quality melon yet introduced. It usually blossoms and throws out laterals before the main vines are 6 in. long and real fruit sets on them, which develop rapidly from eight to fifteen large melons to the hill in a cluster, near where the seeds were planted, and they ripen in from fifty-seven to sixty days after planting the seeds, or three weeks earlier than the Hackensack, Paul Rose or Emerald Gem. This melon has a very hardy, strong growing vine which feeds the fruit rapidly, causing earliness and high quality, golden yellow firm flesh, fine grained and very sweet; outside green and well netted; size varies from 2½ to 3½ lbs. Pkt. 15c; oz. 65c; ¼ lb. \$2.00; lb. \$5.00.

LAKE CHAMPLAIN—An extremely early melon of Gem type and color. True stock seed from original grower. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$2.25.

EMERALD GEM—One of the very earliest varieties; fruits small, skin deep emerald-green; flesh a handsome salmon color and very thick; flavor most delicious; a splendid melon for hotbeds and restaurants. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25. Post paid.

HACKENSACK'S EXTRA EARLY IMPROVED—A selection from an improvement on the old Hackensack, and similar in shape and appearance; nearly as large and fully ten days earlier. One of the finest for market gardeners; quality perfect. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

CITRON, COLORADO PRESERVING—An improvement on the old Preserving Citron; seeds green, fruit round to oblong; very productive. Price, pkt. 10c; oz. 15c. Post paid.

MELON-WATER

One ounce for Thirty Hills, 4 to 5 pounds in hills for an Acre.

HUNGARIAN HONEY—One of the very best early melons for home use. The melons not only ripen early, but are deliciously sweet, with firm, solid, deep red flesh and small seeds. The fruit is nearly round and medium to small size. Those who want an early melon of high quality should plant this variety. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25. Post paid.

HARRIS EARLIEST—An extra early melon of excellent quality. Fruits exceptionally large for so early a variety, slightly oval with irregularly mottled broad stripes of light and dark green. Flesh bright red, sweet and tender. Seed black. The vines are vigorous and productive. One of the best varieties for northern latitudes. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25. Post paid.

MUSTARD, FOR SALADS OR GREENS

A small pungent salad used like Cress. The seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be excluded. Successive sowings can be made every week or two.

SOUTHERN GIANT CURLED—Leaves much crumpled at the edges and twice the size of the ordinary White Mustard. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 80c.

OKRA, OR GUMBO

CULTURE—Plant the seed when the Apple is in bloom, in hills or drills; if in hills, 2 feet apart and two or three plants in each; or in drills, 3 feet apart and 8 or 10 inches between the plants. The seeds are liable to rot in the ground, and should be put in thickly to secure the requisite quantity of plants. Very rich ground is demanded by this vegetable. One ounce will plant a row about 200 feet long.

PERKINS MAMMOTH GREEN POD—One of the best. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

ONION

One Ounce for 100 ft. of Drill, 5 or 6 lbs. in Drills for an Acre. For Sets, from 50 to 60 pounds.

HOW TO RAISE LARGE ONIONS FROM SEED

CULTURE—For dry (fall) bulbs, select a clean, well-drained and well manured piece of land, prepare a perfect seed bed, and sow seeds early in spring in drills 15 inches or so apart, using 5 to 6 pounds of fresh seed per acre. Use wheel-hoe and weeders freely, and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in cool dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring and at once sow in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as the Prizetaker and Southport Globes, under glass in January, February, or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

YELLOW GLOBE—Finest shape, best color, and yields largest crop of any yellow Onion. The heaviest yield of onions is from rich, black lands. On such soils Globe Onions with a somewhat flattened base gives largest returns. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50. Post paid.



Southport Yellow Globe Onion

PRIZETAKER (American Grown)—A very handsome Onion of the largest size and nearly globular in form. Skin is yellow brown; flesh white, mild and tender. It is one of the best of the largest sorts. If started very early in hotbeds it will produce a mammoth Onion the first season. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50. Post paid.

ONION Continued

LARGE RED WETHERFIELD—Onion growers who prefer the red varieties will find our pedigree strain unsurpassed. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50. Post paid.

WHITE PORTUGAL, or SILVER SKIN—A large, flat white Onion, of mild and pleasant flavor; hard and fine grained; a good keeper; more extensively sown for sets than any other white variety; also a good pickling sort. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$3.00. Post paid.

WHITE GLOBE—Pure white color, mild flavor, and equally as good for keeping as the yellow sorts. It is best to dry these onions in a shady place, where they will get plenty of air. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$3.00. Post paid.

YELLOW STRASBURG, or YELLOW DUTCH—The great set Onion; the most popular variety for sets, grown largely by market gardeners around Philadelphia. The sets of this variety grow round and plump. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50. Post paid.

ONION SETS

In the home garden sets should be used more extensively than perhaps elsewhere, as green onions therefrom are more quickly grown and easier taken care of. A succession of planting can be made every two weeks as long as sets are procurable. By allowing a few to mature, good size keeping onions are obtainable for winter use.

FANCY WESTERN YELLOW SETS—40c qt.; \$3.00 pk. Post paid to 2 and 3 zones.

FANCY WHITE SETS—50c qt. Post paid to 2 and 3 zones.

PARSLEY



Champion Moss Triple Curled Parsley

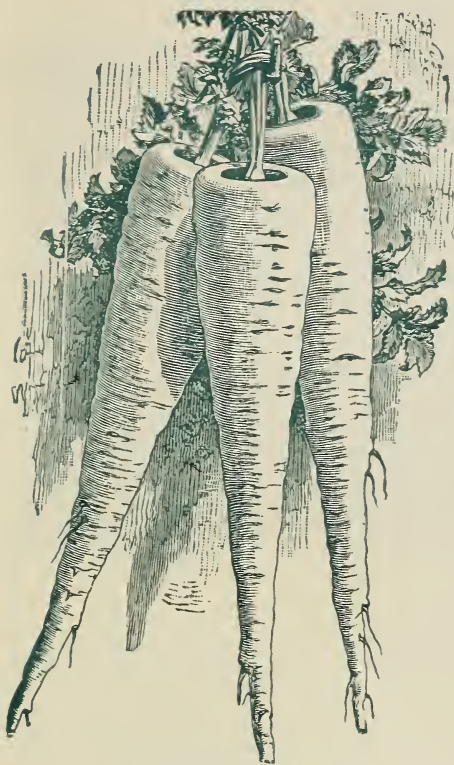
As the seeds germinate very slowly, three to four weeks sometimes elapse before the plants make their appearance. Seed should be sown early in the spring. Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing. It makes an ornamental border in the flower garden. Succeeds best in a rich, mellow soil. Take up a few plants in the fall and put into 6 or 7-inch pots. Keep well watered and they will produce an abundance of leaves all winter, besides making very ornamental plants.

One ounce of seed will sow about 150 feet of drill.

CHAMPION MOSS CURLED—A vigorous, compact sort, very fine for garnishing and flavoring. Owing to its uniformly deep green color and attractive foliage, it is one of the best for either market or home use. Densely crimped and curled. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

HAMBURG or TURNIP ROOTED—The fleshy roots of this variety resemble parsnips, and are used in soups and stews. The flesh is white and somewhat similar to celeriac (root celery). The roots may be dug and carried through the winter, like turnips, etc. Pkt. 10c; oz. 15c; $\frac{1}{2}$ lb. \$1.25. Post paid.

PARSNIP



Hollow Crown Parsnip

Sow seed about half an inch deep early in spring, in deep, rich soil. The seed is slow to germinate and will vegetate sooner by steeping 6 to 12 hours in a liquid manure, diluted with water, and mixed with sand before sowing. When well up thin out to 5 or 6 inches apart in the rows. Unlike Carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

One ounce for 50 feet of drill—5 to 6 pounds for an acre.

LARGE SUGAR or HOLLOW CROWN (Improved Guernsey)—The Hollow Crown is grown more universally than any other Parsnip. Roots white, smooth, sugary and of excellent flavor, easily harvested, 12 to 15 inches in length and often 3 inches in diameter at the top, with a hollow crown about the stem. (See illustration). Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Post paid.

PEAS

CULTURE—Peas succeed best in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold and must be planted later. From the first sowing, sow every two weeks until June for a succession. After that there is danger of mildew. Discontinue then until August, when a planting of extra early sorts will often produce a good crop. Sow the seeds in single drills, or in double drills, six or eight inches apart, one inch apart in the drill and not less than four inches deep, or for the late sorts seven to eight inches deep, since deep planting prevents mildew and prolongs the season. Cultivate well and draw the earth twice to the vines during the growth. Bunch the tall varieties when they begin to vine. Pick the pods as soon as fit, and allow none to ripen on the vines, as they will then cease bearing.

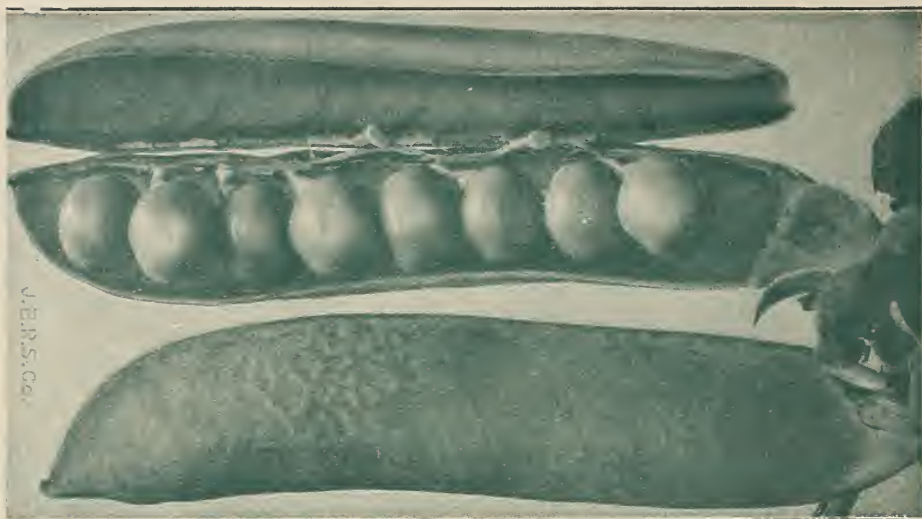
One quart will plant 100 ft. of drill; 2 bushels to the Acre.

Note: A pint of peas weighs approximately 1 pound; a quart two pounds. If wanted by post consult rate table inside front cover.

EXTRA EARLY ALASKA—The earliest of all blue Peas. Grows about 30 inches tall; very uniform in maturing the crop. Of good quality and retains that desirable green color after cooking. Our strain is especially fine, having been carefully selected by our grower for many years. Pkt. 15c; pt. 25c; qt. 50c; pk. \$2.50; bu. \$9.00.

EXTRA EARLY PREMIUM GEM—An improved and more dwarf strain of McLean's Little Gem. Height $1\frac{1}{2}$ feet. Foliage dark green; pods light green 3 in. long, round, square ended and well filled with 6 to 8 light green peas of good quality; very productive. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

PEAS Continued



World's Record Peas

LITTLE MARVEL—This pea will take the place of early Dwarf Peas when better known; vines 12 in. high, with larger pods than Nott's or American Wonder; a heavy bearer, flavor unsurpassed. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

THOMAS LAXTON—The vine grows about 3 feet high, much like that of the Gradus, or Prosperity. Pods large, long, with square ends, uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

GRADUS is the earliest large podded, wrinkled Sweet Pea grown. The pods are of the same size and quality as the Telephone and are ready to pick soon after the earliest. Height 2½ feet. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

WORLD'S RECORD—A new variety on the order of Gradus, which it resembles in many ways, though slightly earlier, more dwarf and productive. Height 2 feet. Vines moderately stout, light green; pods medium green, 3½ in. long, fairly broad, pointed and well filled with 7 to 9 very large, dark green peas of exceptional quality. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

BLUE BANTAM—This extra fine variety heads the list of Laxtonian peas. Height 18 inches and one of the largest podded of the dwarf wrinkled peas. A splendid new variety, a favorite with those that grow for the market and ideal for home. The color of the pods is bluish green and stand up well after being filled. If you have not grown this pea, try them out this season. Pkt. 15c; pt. 35c; qt. 65c; pk. \$3.50; bu. \$14.00.

LAXTONIAN—This is a giant-podded, early dwarf Pea—the same size and quality as Gradus, but more dwarf and has darker green pods. Pkt. 15c; pt. 35c; qt. 65c; pk. \$3.50; bu. \$14.00.

TELEPHONE SELECTED STOCK—Our selected stock of Telephone Peas is Simon Pure. We claim that this strain will produce larger and longer pods, deeper green in color, and Peas of richer flavor than others. Height 3 ft. Pkt. 15c; pt. 35c; qt. 65c; pk. \$2.75; bu. 10.00

ALDERMAN—This comparatively new Pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines grow nearly five feet high, and dark green, vigorous and exceedingly productive. Pods very large, long, dark green. The Peas are the largest size and unsurpassed in quality. Pkt. 15c; pt. 30c; qt. 50c; pk. \$3.00; bu. \$11.00.

PEPPER

HARRIS' EARLY GIANT—

This variety is very early, bright red and exceedingly prolific. We often get a lot of ripe (red) peppers the first part of August. Of course, there the plenty of large green peppers on the plants long before that date. It is a very sure cropper on all kinds of soil. The fruits are of a very large size for so early a sort. 4 inches in length by 3 inches in diameter at the top. Harris' Early Giant Pepper is of great value to the market gardener as it matures earlier than any other very large kind which we know of and is worthy of a place in any home garden. Price, pkt. 25c; oz. \$1.50.



Harris' Early Giant.

WORLDBEATER—A cross between Ruby King and Chinese Giant. The shape is like Ruby King, and the size equal to Chinese Giant. A vigorous grower and a sure cropper; very prolific. The fruit is a beautiful scarlet and exceedingly mild. The flesh is thick and firm, making this variety an excellent shipper; rapidly growing in favor. Our stock of Worldbeater is superior to most others. Pkt. 10c; oz. 50c; ¼ lb. \$1.75.

SUNNYBROOK or Tomato Shaped Pimento—The Sunnybrook is larger and an improvement on the older type of tomato-shaped Pimento. It comes into bearing early, has very thick, sweet flesh, and is brilliantly red. It is very productive. Price, pkt. 10c; oz. 40c; ¼ lb. \$1.40.

MONEYMAKER—A very fine hot pepper. Size 1¼ inch wide and 4 inches long with flesh twice as thick as the ordinary Long Red Cayenne. Exceedingly prolific; are very hot and have bright red pods. Produced early in the season when prices are high. Price, pkt. 10c; oz. 50c; ¼ lb. \$1.75.

ANAHEIM CHILI PEPPER—A variety introduced in California and is largely used both dried and for canning. It is about 7 inches long and has very thick flesh. While this variety belongs to the Chili class, it is not as pungent as some of the smaller sorts. Pkt. 10c; 1/5 oz. 25c; oz. 45c; ¼ lb. \$1.50.

LONG RED CAYENNE—Pods long, slender, bright red, very sharp. Price pkt. 10c; oz. 40c; ¼ lb. \$1.40.

PUMPKIN

One ounce will plant 25 hills; 4 to 6 pounds for an acre.

CULTURE—The common practice is to drop 2 or 3 seeds in every third or fourth hill in the corn field; but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, 4 plants to each hill, and otherwise treated in the same manner as recommended for melons or cucumbers. Avoid planting near other vines as they will mix.

SUGAR PIE PUMPKIN—A small, round and very prolific variety; skin and flesh deep orange, fine grained and sweet. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00. Post paid.

CONNECTICUT FIELD—The common field pumpkin. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 50c. Post paid.

RADISH



Vick's Scarlet Globe.

shape, and are of a most brilliant cardinal-red color, therefore, it is a quick forcer, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground, thus making it an extremely valuable and desirable sort for planting in the home garden and for market gardener's use. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

ROSY GEM SCARLET TURNIP WHITE TIP—Produces a small round root, with bright scarlet top and a clear white circle on tip, just above and including the slender tap root. So popular is the Scarlet Turnip White Tip that special strains have been offered under many names; our stock is equal to the best offered. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

FRENCH BREAKFAST—Olive shaped, white tipped. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

WHITE ICICLE—The finest and longest of the very early pure white varieties. Planted in spring, the Radishes are ready for use in 30 to 40 days; their long, slender form and pure paper-white skin are most attractive when bunched for market. This Radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other finest-early variety. It is excellently adapted for forcing purposes or successive sowing in the open ground. Prices, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

CININNATI MARKET — Best longscarlet short top; extra early. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

WHITE GIANT STUTTGART—The roots are large, top-shaped and frequently four inches in diameter and of equal length; of a clear white color; a fine summer or fall Radish. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

LONG BLACK SPANISH—Long stump rooted, color shiny black, flesh white, tender and crisp; one of the best



White Icicle.

ROUND BLACK SPANISH—Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

One Ounce to 100 feet of Drill, 8 to 10 pounds for an Acre.

Our Stock of Radish Seeds is the Very Best that can be Procured.

CULTURE—To be crisp and tender, Radishes must grow rapidly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crops, sow seed in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in mid-summer.

SIEGEL'S EXTRA EARLY FORCING OR SAXA—The earliest of the forcing Radishes; will produce Radishes size of a copper cent in 16 days. Round, bright scarlet and with the smallest possible top. This will take the place of all others when better known, for forcing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25. Post paid.

VICK'S SCARLET GLOBE FANCY SELECTED STOCK—Our strain of this stock is the finest on the market; if you have never used our selected strain give it a trial and get one of the best Radishes grown. The Radishes grow globular in

shape, and are of a most brilliant cardinal-red color. It will stand considerable heat,

RUTABAGA OR SWEET TURNIP

CULTURE—The same as for Turnips, only have to be sown earlier for main crop.

DANISH IMPROVED RUTABAGA—Pedigree strain for stock feeding, yellow purple tops. This is the heaviest cropper of all, and the best for sowing with corn for stock feeding.

WHITE RUSSIAN—White skinned; very sweet and desirable for table use.

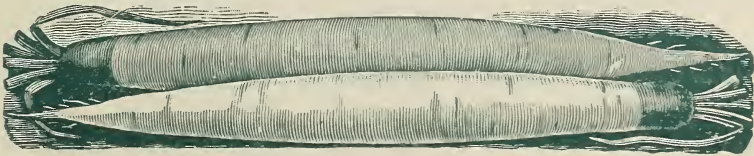
Prices on above: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SALSIFY [OYSTER PLANT]

One ounce of seed will sow about 50 feet of drill, 10 lbs. per acre.

CULTURE—When cooked the roots have somewhat the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter.

MAMMOTH SANDWICH ISLAND SALSIFY—We consider this the largest and most profitable Salsify in cultivation; roots are two or three times the size of the ordinary Salsify, and of more agreeable flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.



Mammoth Sandwich Island Salsify.

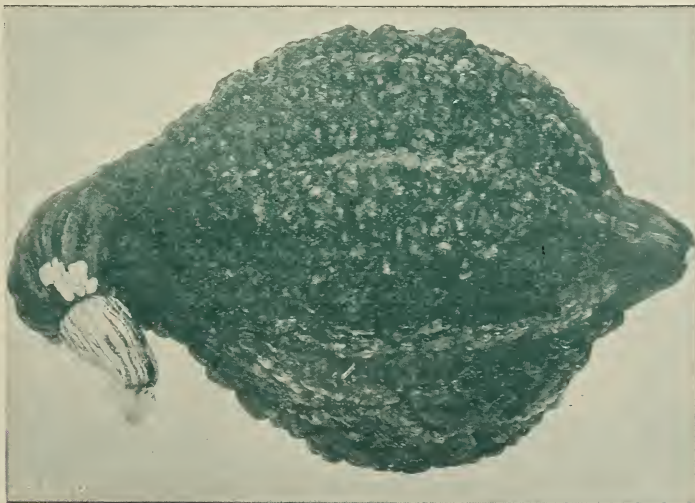
SORREL

Large leaved. Relished principally by the French people, who use it as a spinach dressing; also as a salad. Has an acid flavor. A sowing lasts several years. Being hardy, the seed stalks should be cut off when they appear. Pkt. 10c; oz. 35c.

SQUASH

One ounce will plant 20 to 50 hills; 3 to 4 pounds are required for an acre

CULTURE—Squash seed should be planted about the same time and in much the same manner as Cucumbers and Melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.



Warty Hubbard Squash.

SQUASH Continued

MAMMOTH WHITE BUSH SCALLOPED—A standard summer variety; good either for home or market gardeners; large size. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

GIANT SUMMER CROOKNECK—Double the size of the ordinary Crooknecks and very warty, but similar in other respects. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50. Post paid.

WARTED HUBBARD—This strain, without doubt, grows the finest Hubbard in existence. The wartiness indicates a very hard shell, which is one of the features in a long-keeping Squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard Squash the more delicate and sweet the flesh will be found to be. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

GOLDEN HUBBARD—Similar to Hubbard except color, which is orange yellow; has a rich marrow flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Post paid.

SPINACH

One ounce for 100 feet of Drill; Thirty pounds for an acre

Special Prices Given on Spinach in Quantities

VICTORIA SPINACH—

The foliage is heavy, the broad, dark green leaves are of the finest quality. Victoria is the best sort for early spring sowing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 60c. Post paid.

Write for prices in quantity.

BIG CROP—The largest spinach we have ever seen. The leaves are nearly twice as large as other kinds and are quite thick and somewhat crinkled or blistered, but not as dark green as some other kinds. This spinach is so large and grows so fast that it is large enough to cut earlier than any other kind. It is especially valuable on this account, as well as for the extra yield obtained. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 85c. Post paid.

KING OF DENMARK—It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties have gone to seed. The leaves are large, rounded, somewhat blistered, deep green, and of fine quality. We handle originator's stock. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c. Post paid.

LONGSTANDING SAVOY—A reselected strain of the old Bloomsdale Savoy. It will stand in marketable condition ten to fourteen days longer than the regular Savoy before bolting. It is intensely crumpled and blistered and very uniform. Price, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 85c. Post paid.

NEW ZEALAND—This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c.



Victoria Spinach

TOMATO

Sow in the house or hotbed about March 1st, transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown, Tomato Plants should be supported. One ounce seed will produce about 1,000 plants, one-half pound to the acre.

Semesan hastens germination and controls fungus.

TOMATO Continued



Earliana

EARLIANA SELECTED—The earliest and best of the very early Tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of plant; color bright scarlet. Our selected strain of Earliana proved again to be a money maker for the gardeners. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CHALK'S JEWEL—An exceptionally fine early variety, about ten days later than Earliana; fruit uniformly smooth, round and solid; color crimson; a good canning sort for the North. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

BONNY BEST—About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth and uniform, and produced in clusters in center of plant; ripens uniformly and is very productive; color bright red. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

GLOBE—This strain is superior to any we know of. Our special stock of this Tomato is favored by greenhouses all over the country. It is ideal for home or kitchen-garden as it comes into bearing early and keeps on bearing until frost. The fruits are of large size, always smooth and solid with a purplish pink color. Quality good, being mild, pleasant, and of delicious flavor. Its blight-proof qualities are remarkable. Price, pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

PONDEROSA, THE BEEF STEAK TOMATO—A purplish-fruited Tomato of largest size. Vine vigorous and very productive. Fruit very solid, fairly smooth and considered a very good quality, especially by those who prefer a Tomato quite free from acid. This variety is more suitable for home use than for the market. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.35. Post paid.

TRUCKERS FAVORITE—A purple-fruited Tomato of excellent quality. Grows to uniformly large size, which is maintained until late fall. Fruits are invariably smooth, solid and the flesh is of finest color throughout. The best late crop Tomato for market gardeners. Price, pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

DWARF CHAMPION—Fruits are produced in clusters of three to five; of a beautiful glossy purple; firm, solid, thick flesh with large meaty center. Ideal for small gardens. Price, pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.40.

GOLDEN QUEEN—Ripens early, is large, smooth and solid; color golden yellow. Pkt. 10c.

PRESERVING TOMATOES—The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden. Red Plum, Yellow Plum. Each 10c per pkt.

TURNIP

One ounce of seed for 100 feet drill; 2 pounds per acre, broadcast.

CULTURE—The soil for Turnips should be rich and mellow. For an early crop, sow early in the spring in drills about a foot apart, or broadcast and thin out. For a general crop, sow from the first of July to the last of August, and thin out the plants to eight or ten inches. Should the crop be destroyed, harrow the ground immediately and sow again.

PURPLE TOP WHITE GLOBE—

Large, pure white, globe-shaped with purple top. Very handsome, heavy yielder and early. The flesh is white, fine grained and tender. The best turnip for market and excellent for home garden. Our strain is better than the average and grown from Long Island stock. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c. For larger quantities, inquire for prices.



Turnip, Selected Purple Top

WHITE EGG—An oval or egg shaped white turnip, with pure white skin and of fine quality for table use. It is popular in market and excellent for home use. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



SIEGEL'S SEED STORE'S FANCY LAWN GRASS SEEDS

Prices: $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 5 lbs. \$2.15; 10 lbs. \$4.10; 25 lbs. \$10.00. Special prices on larger quantities. Phone or write us.

"Siegel's" Lawn Seed is composed of Kentucky Blue Grass, Red Top, English Rye Grass, White Clover and other fine grasses. We combine these grasses because they grow quickly and protect the blue grass, which is slower to germinate, thereby giving not only a permanent lawn but a good sod in six weeks. For 40 years, we have made a study of lawns and our experiments, as well as the majority of large users in and around Erie, have shown us that for quick and permanent results, "Siegel's Fancy" Lawn Grass seed has never been excelled. We know that "Siegel's Fancy" Lawn Seed will give satisfaction wherever a fine velvety turf is wanted, except in dense shade.

SIEGEL'S SPECIAL FANCY LAWN MIXTURE

In years back, we have had innumerable calls for a mixture of Lawn Grasses which contained more White Clover as well as other of the more expensive grass seeds which has prompted us to make up the above mixture, namely, Siegel's Special Fancy Lawn Seed. This mixture contains a greater portion of White Clover, and Creeping Bent, as well as short growing grasses used in our Regular Fancy Lawn Seed, and has been found to meet the requirements of the most critical of conditions where a good heavy turf is wanted in a very short time. Some of our finest lawns in Erie last season, were made up of Siegel's Special Fancy Mixed Lawn Seed. Prices, $\frac{1}{2}$ lb. 35c; 1 lb. 65c; 5 lbs. \$3.15; 10 lbs. \$6.00. Special prices in larger quantities.

SIEGEL'S "SHADY NOOK" LAWN SEED

While it has seemed almost impossible to produce a heavy sod under somewhat shady conditions, we have formulated a mixture of grasses whose nature make them adapted to producing and making sod in dense shade. The remarkable success of many who have used Siegel's "Shady Nook" have found it to meet most requirements.

The fact that we find a great many failures in promoting lawns in such places, is that one must bear in mind that the trees (which in most cases produce shade) are taking all nourishment from the soil and the trees must be fed indirectly, and periodically in order to sustain the growth of grass. This may be done by feeding the lawn either by an application of liquid manure, or a dressing of Sacco Fertilizer or Sheep Manure every two weeks; thus enabling the grass to thrive as well as affording nourishment to the trees. Siegel's "Shady Nook" Lawn Seed is priced as follows: $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 5 lbs. \$2.65; 10 lbs. \$5.00. Special prices in larger quantities.

QUANTITIES

For New Lawns—1 lb. sows 150 sq. ft. (10x15). An acre requires 100 to 125 lbs.

For Old Lawns—It will take about half as much seed as for a new lawn, depending on how thick a stand of grass there is, usually 40 to 60 lbs. per acre for renovating.

MAKING LAWNS

Preparation—The soil should be deeply spaded or plowed, thoroughly pulverized and raked fine and smooth, removing all roots, stones, clods, trash, etc. If not properly graded it should be done now, allowing for water to drain off and not stand in pools. If the lawn is made of clay recent excavations, it should be covered with 3 or 4 inches of good rich garden soil before the seed is sown.

Fertilizers—Sacco Plant Food or Pulverized Sheep manure is thoroughly satisfactory for lawns. Unless stable manure is well decomposed it contains weed seeds. Work the fertilizer into the soil at time of sowing seed.

Sowing—Seed can be sown in the spring from March to July or in the fall from August to October. To get it evenly distributed half the seed should be sown one way then cross and sow balance at right angles. The seed should be covered by raking or harrowing and then well rolled.

Mowing—Cut the young grass for the first time when it is about $1\frac{1}{2}$ to 2 inches high with either a sharp scythe or a free running machine set high. It is most important to keep grass cut quite short from the very start, otherwise it will grow long and thin, instead of tillering out and covering the ground.

Never allow the grass, whether it be young or old to grow long and ragged. Two inches may be considered the extreme length to which it should attain at any time of the year. It is not advisable to keep grass too closely cut during hot and dry weather.

Renovating—If the grass is thin it is not necessary in most cases to plow up the entire lawn and reseed, though if it is choked with weeds and there is very little grass left it is decidedly preferable to plow up or spade up the entire lawn and seed over. Unless this is the case, however, raking over roughly with a sharp tooth rake and sowing more seed, will improve the lawn wonderfully. Grass usually dies out from lack of plant food, hence it is a good plan to apply either Sacco Plant Food or Sheep Manure in March, April or May, after the growing season has started.

BROWN PATCH—Use Dupont Semasan to control Brown Patch on lawns and Golf Greens. Get our circular on how and when to apply.

While we have only mentioned three mixtures in lawn seeds, we are in a position to supply on short notice mixtures for the following: Tennis Courts, Golf Courses, Bowling Greens, Cricket Grounds, Football, Baseball and Polo Fields.



Du Pont Semesan is unique in that it may be employed either as a dust or liquid. By removing from the seed coat, harmful molds and parasites, which cause diseases, its use results in accelerated and increased seed germination. Semesan-treated seeds possess increased plant productivity, frequently bloom earlier and invariably produce better stands than those not treated.

Your plants can be protected from most soil-borne diseases, especially "damping-off," by disinfecting the soil with Semesan before planting. Additional protection is obtained by disinfecting your hot-and-cold-bed sashes, greenhouse benches, garden equipment and tools.

Semesan is easily and quickly applied. Its use will mean disease-free greenhouse and field operations, better yields of finer flowers and consequently—more profits. Semesan is the premier disinfectant of its type.

Du Pont Semesan is not in the experimental stage as it has been used and tried by the most successful growers in this country as well as numerous experiments given same by the Department of Agriculture.

Prices for Du Pont Semesan as follows:

2 ounces	\$.50	5 pounds	\$ 13.00
8 ounces	1.60	25 pounds	62.50
1 pound	2.75	50 pounds	122.50
100 pounds	\$240.00		

Being a poisonous disinfectant, the Postal Regulations prohibit the mailing of Du Pont Semesan and all shipments of it must therefore be made by express or freight.



FLOWER SEEDS

On the following pages we are listing Flower Seeds. While we do not carry seeds of all known annuals, biennials, and perennial varieties, we list the best of each variety and are giving special care and attention to the source of supply and variety listed. We are most sure you will find Siegel's Flower Seeds worthy of a place in your garden, the same as thousands of satisfied users have in the past.

PLANT AND TREE LABELS

POT LABELS—4 in. x $\frac{5}{8}$ in. wide, Plain, per 100, 25c; per 1000, \$1.75.

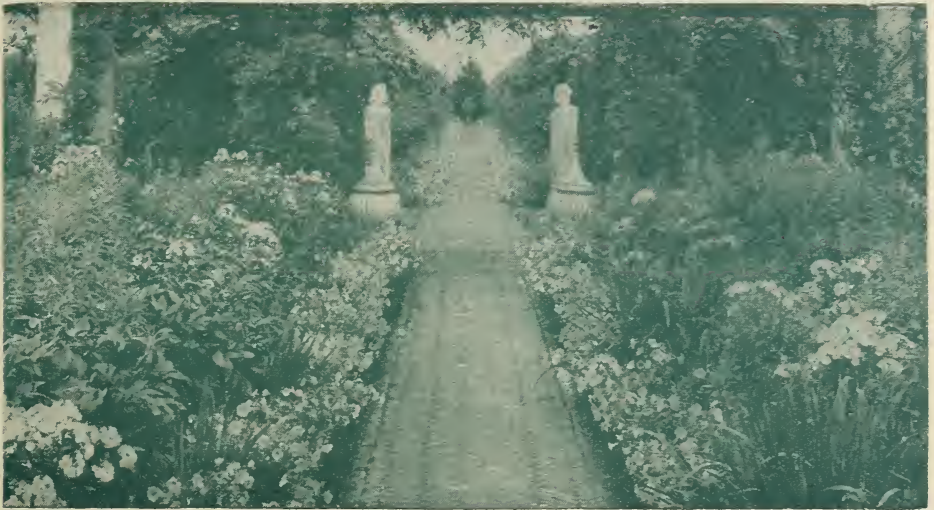
POT LABELS—5 in. x $\frac{5}{8}$ in. wide, Painted, per 100, 30c; per 1000, \$2.25.

TREE LABELS— $3\frac{1}{2}$ x $\frac{5}{8}$ in. wide, Painted, Copper Wire, per 100 35c; per 1000, \$2.75.

GARDEN LABELS—12 in. x $1\frac{1}{8}$ in. wide, per dozen, 25c; per 100, \$1.50.

All above labels price Post paid in second and third zones.

FLOWER SEED DEPARTMENT



ANNUALS

Those Flowers Blooming Same Year as Planting Seed.

ALYSSUM (Little Gem)—Of dwarf, compact habit, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring until late in autumn. Per pkt. 10c; oz. 60c.

ALYSCUM—Lutecens—An unusual yellowish flower. Very free blooming, can be used for borders as well as other plantings. Price, pkt. 15c.

ANTIRRHINUM (Snapdragon)—Tall Giant Flowering—24 to 36 inches. For gorgeous coloring few flowers can match Snapdragons. The flowers of this new strain are very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut flowers. They are easily raised from seed in any rich sunny bed. If intended for winter flowering inside, cut back in September. Our Giant Flowering are double the size of ordinary sorts. Snapdragons do best on soil well mixed with old mortar, broken bricks or soil well limed. In choicest mixed colors.

CANARY BIRD—Giant flowered, pure soft canary yellow. Pkt. 25c; oz. \$3.00.

COPPER KING—Giant flowered, coppery scarlet turning into a pure copper color. Pkt. 25c; oz. \$3.00.

DEFIANCE—Giant flowered, old gold color. Pkt. 25c; oz. \$3.00.

GOLDEN QUEEN—Giant flowered, beautiful bright golden yellow. Pkt. 25c; oz. \$3.00.

SNOWFLAKE—Giant flowered, lovely pure white with yellow throat. Pkt. 25c; oz. \$3.00.

THE ROSE—Giant flowered, beautiful pink, extra large flower. Pkt. 25c; oz. \$3.00.

WALLFLOWER COLORED—Giant flowered, rich mahogany red. Pkt. 25c. oz. \$3.00.

GIANT FLOWERED MIXTURE—A well blended mixture of the above varieties. Pkt. 15c; oz. \$2.00.

AGERATUM (Blue Ball, Nanum)—The finest dark blue yet introduced. Pkt. 10c; oz. 60c.

ARCTOTIS—GRANDIS (African Daisy)—A remarkable, handsome annual from Southwest Africa. Flowers are large and showy, making bushes two to three feet high, and is very valuable for a cut flower. Pkt. 10c; oz. 50c.

ASTER



Aster

HEART OF FRANCE—

The best pure bred Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. Price, per pkt. 15c; oz. \$2.50.

GIANT BRANCHING—

An old well established variety, mixed colors only. Price, per pkt. 10c; oz. \$1.25.

EARLY WONDER —

These are the earliest blooming Asters. Commencing to bloom latter part of June when sown early. Flowers large and of comet type. Mixed colors only. Pkt. 15c; oz. \$2.25.

EARLY BEAUTY—Asters of branching habit borne on stems 2 to 3 feet in height. An unusual Aster coming into bloom shortly after the Early Wonder and continuing.

Colors	Pkt.	1/8 oz.	1/4 oz.	Ounce
White .....	.15	.35	.65	\$2.00
September Pink .....	.15	.35	.65	\$2.00
Rose .....	.15	.35	.65	\$2.00
Lavender .....	.15	.35	.65	\$2.00
Purple .....	.15	.35	.65	\$2.00
Choice Mixed .....	.15	.35	.65	\$2.00

LATE BEAUTY—A good strong bloomer, somewhat late. Flowers of same type as Early Beauty. May be planted along with Early Beauty and Siegel's Giants, as you will then have a succession and variation of these fine flowers.

Colors	Pkt.	1/8 oz.	1/4 oz.	Ounce
White .....	.15	.35	.65	\$2.00
Peachblossom .....	.15	.35	.65	\$2.00
September Pink .....	.15	.35	.65	\$2.00
Rose .....	.15	.35	.65	\$2.00
Purple .....	.15	.35	.65	\$2.00
Fancy Mixed .....	.15	.35	.65	\$2.00

SIEGEL'S GIANTS—No aster has recently been developed which has met with the satisfaction of our Giants. Flowers of enormous size on good long graceful stems. A profusion of blooms from August until killed by frost.

Colors	Pkt.	1/8 oz.	1/4 oz.	Ounce
White .....	.25	.60	\$1.00	\$3.50
Peachblossom .....	.25	.60	\$1.00	\$3.50
Deep Rose .....	.25	.60	\$1.00	\$3.50
Dark Purple .....	.25	.60	\$1.00	\$3.50
Light Blue .....	.25	.60	\$1.00	\$3.50

BALSAM (Lady Slipper)—Camelia flowered. The blossoms of this variety are of perfect form, large, very double and are produced in the greatest abundance. Choicest mixed, per pkt. 10c; oz. 60c.

BACHELOR'S BUTTON—Showy annual, of early culture, flowering freely, with a great variety of colors. Bachelor Buttons do best on limestone, or soil well limed. We have the double blue and single and double mixed colors. Per pkt., Double Blue, 15c; mixed colors, per pkt. 10c; oz. 60c.

CALENDULA (Orange King)—The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color glowing orange. Pkt. 10c; oz. 60c.

CALENDULA (Ball's Florist's Strain)—An exceedingly double flowered type especially used in forcing. Pkt. 25c; oz. \$1.50.

CALLIOPSIS—A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as fast as they appear, the plant will remain in bloom much longer. Height 2 feet. Hardy annual. Mixed colors. Per pkt. 10c; oz. 40c.

CANDYTUFT—Universally known and cultured, considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flowers from July till frost comes. Hardy and easy to cultivate. Hyacinth-flowered, in separate colors, Flesh Color, Lilac, Crimson and White, or mixed colors. Pkt. 10c; oz. 45c.

CARNATIONS—Bloom in four months from seed. Seed sown in March or April, begin blooming in early summer. Plant vigorous, self-dwarf, neat. If sown under glass will yield a brilliant display of flowers until frost. Chabaud's Earliest Mixed Colors, per pkt. 15c; oz. \$2.00.

CASTOR BEAN (Ricinus)—Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed in rich soil. Tender annual; six to fifteen feet high. **Zanzibariensis**—The best sort, per pkt. 10c; oz. 20c.



Chinese Woolflower

COSMOS (Lady Lennox)—An extra fine Rose Pink. Pkt. 15c; oz. 60c.

COSMOS (Klondyke)—An orange yellow. Foliage striking and laciniate more than others. Pkt. 15c; oz. 60c.

DIDUSCUS (Blue Lace Flower)—A beautiful blue annual resembling Queen Anne lace. Pkt. 25c.

FOUR O'CLOCKS or MARVEL OF PERU—The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Make a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru**—Mixed colors, per pkt. 10c; oz. 40c; ¼ lb. \$1.00; lb. \$3.00. Post paid.

GOURDS (Mixed)—These belong to the cucumber family and are used for ornamental purposes, on account of their beautiful colorings and various shapes. Per pkt. 10c.

GRASSES, ORNAMENTAL (Mixed)—2 to 5 ft. These are useful for winter bouquets when combined with Everlasting Flowers. They are easily grown in any soil. Pkt. 10c.

GYPHOPHILLA (Baby's Breath)—Dwarf branching plants of quick growth and great freedom of bloom. The flowers are small, starlike, and borne in feathery sprays, which are highly esteemed for cut flowers, as they lend a most graceful effect when combined in bouquets with Sweet Peas. Sow every two weeks for a succession of blooms. Elegant hard annual. Pkt. 10c; oz. 60c.

CHINESE WOOLFLOWER

(Celosia Choldsi)—Plants grow two or three feet high, the blooms starting early with a central head, rounded and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. None of the blooms fade in any way until hit by frost; but all continue to expand and glow with a deepening richness of color, a dark crimson scarlet. Per pkt. 25c.

CLARKIA—A splendid annual producing an array of colors. Easily grown in most soils. Pkt. 10c.

COIX - LACHRYMAE (Job's Tears)—An ornamental grass with curious seeds which may be used as beads. Pkt. 10c; oz. 20c.

COSMOS—This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants 5 to 6 feet high by September, and from then till November will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Early Mammoth Flowering and Late Mammoth Flowering, per pkt. 10c; oz. 40c. Double Crested mixed, pkt. 25c.

HELICHRYSUM (Straw Flower) MONSTROSUM Fl. Pl.—One of the best and most popular of the everlasting flowers; the varieties offered below are all of the Monstrosium type, producing large and more perfectly double flowers than the old variety. Valuable for cutting or decoration, either when fresh or in their dried state. Two feet. In separate colors, Fire Ball, Golden Ball, Salmon Pink, Silver Ball or White and Violet. Per pkt. 15c; or in mixed colors, 15c per pkt.; oz. \$1.00.

LARKSPUR (Delphinium—Annual Larkspur)—Beautiful plants. The annual varieties are very free bloomers, and produce large spikes of flowers, white, pink, rose, light blue, Dark blue and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring.

Color	Pkt.	¼ Oz.	Oz.
White .....	.25	.40	\$1.25
Rose Pink .....	.25	.40	\$1.25
Carmine .....	.25	.40	\$1.25
Light Blue .....	.25	.40	\$1.25
Dark Blue .....	.25	.40	\$1.25
Mixture of above .....	.10	.25	.80

LOBELIA—CRYSTAL PALACE, COMPACTA—This charming flower grows but six inches high and is used for making up borders or for ribbon bedding. Color deep blue. Pkt. 10c.

MALOPE—A favorite annual growing 3 ft. high, color pink or rose. Can be used as a background or to cover unsightly places. Pkt. 10c.

MARIGOLDS—In late summer or when many Bedding Plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African and French Marigolds are old favorites free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfed in growth, with beautiful striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in connection with a few blue Larkspurs or Cornflowers, is very striking. African Orange Prince. Double, Deep Golden Yellow, pkt. 10c; oz. 60c.

DWARF FRENCH DOUBLE MARIGOLDS—Mixed colors, pkt 10c; oz. 60c.

MEXICAN FIRE BUSH—A quick growing annual foliage or hedge plant, very easily grown, remarkably symmetrical and attractive throughout the summer and fall. It resembles a diminutive fir tree. Foliage green in summer turning to beautiful red in fall. Pkt. 10c; oz. 60c.



Mignonette Machet

MIGNONETTE—A well-known hardy annual, producing spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer, it will bloom till killed by frost. Hardy annual; 1 foot high. Pkt. 10c; ¼ oz. 25c; oz. 80c.

MORNING GLORY—One of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation. The beauty and delicacy of their brilliant flowers are unsurpassed. Hardy annuals; 15 feet. Finest mixed, all colors, per pkt. 10c; oz. 25c.

IMPERIAL JAPANESE—The flowers are of gigantic size, exquisite varieties of colors and magnificent marbled foliage. The flowers measure from four to six inches across. The colors are limitless in variety and very beautiful. Of easy culture and if sown early will produce magnificently. Choicest mixed, per pkt. 10c; oz. 35c.

MYSOSTIS or FORGET-ME-NOT—A beautiful annual, rich blue in color. Pkt. 10c.

NASTURTIUMS—None of the old fashioned plants deserve their renewal of popularity better than the Nasturtiums, so brilliant and varied in color, free in bloom, and picturesque in appearance. Hardy habit growth, even in hottest suns and poor soils; prime favorite for cut flower work and personal adornment. The mixture we offer contains the newest hybrids, as well as the distinct old varieties, all in very best proportion, giving them a marvelous display of colors, carrying from

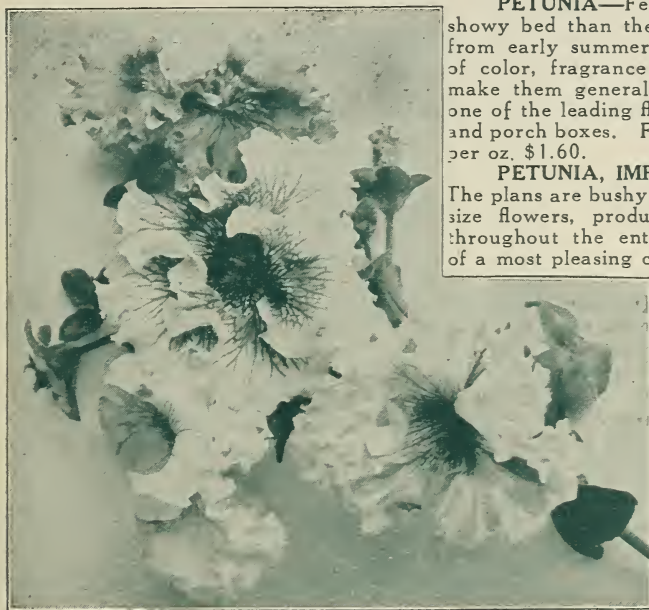
cream-white to the very darkest red tall sorts in the finest mixture. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

NASTURTIUM (Dwarf)—Choice mixture of all leading colors. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

NICOTIANA—(Sweet Scented Tobacco)—This flower grows to a height of 4 ft. and may be used as a border flower. Pkt. 10c.

NIGELLA (Love-in-the-Mist)—One of the old annuals with delicate curious looking seed pods. Price, pkt. 15c.

PANSIES, SIEGEL'S ELITE EXTRA LARGE FLOWERED—Comprises the choice of the large flowering varieties. After repeated trials with samples from well-known specialists in Pansy growing, we are satisfied our Elite Mixture is equal to any. Pansies are cool weather plants. Can be grown in partial shade, and want to be watered often. Our packets contain 750 seeds, price per pkt. 10c; ¼ oz. 65c; ½ oz. \$1.25; 1 oz. \$3.75.



Petunia Ruffled Monsters

PETUNIA—Few plants will make a more showy bed than the Petunias, giving flowers from early summer till fall. Their richness of color, fragrance and continued blooming make them general favorites. It is likewise one of the leading flowers for window display and porch boxes. Finest mixed, per pkt. 10c; per oz. \$1.60.

PETUNIA, IMPROVED ROSY MORN—The plants are bushy and compact, the medium size flowers, produced in great abundance throughout the entire summer and fall are of a most pleasing clear pink, contrasted by a broad white throat. A splendid sort for porch boxes, pots and beds. Per pkt. 20c.

PETUNIA, CALIFORNIA RUFFLED MONSTERS—These are the most perfect and most beautiful Petunias in existence; they are unexcelled the world over in size and color and combination. The remarkable beauty is difficult to describe. Per pkt. 50c.

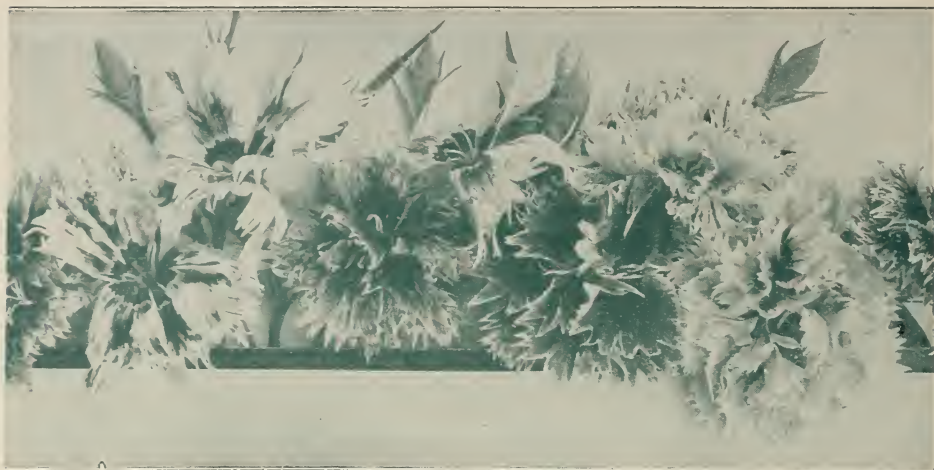
PHLOX DRUMMONDI GRANDIFLORA—This beautiful hardy annual has few equals for beds, bouquets, etc. The colors are rich and brilliant and the flowers appear all summer. Our seed is selected with the utmost care; foot high. Finest mixed per pkt. 10c; oz. \$1.25.

CALIFORNIA POPPY (Eschscholtzia)—An elegant hardy annual with fine cut foliage, and large poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot. Golden West Yellow and mixed colors, per pkt. 10c; oz. 40c.

PORTULACA—For brilliant coloring, nothing can excel a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in extensive heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower. Single varieties, fine mixed, ¼ oz. 15c; oz. 50c; pkt. 10c. Double mixed, per pkt. 20c.

SALPIGLOSSIS—A beautiful annual, that deserves to be more widely known; when once grown in the garden will be one of the first to be chosen for the next year. Flowers of the richest color, blue, crimson, yellow, purple, scarlet, etc., with texture like rich velvet. Splendid for bouquets. Height 2 feet. Per pkt. 10c.

SALVIA SPLENDENS (Scarlet Sage)—One of the most brilliant colored garden annuals are extremely useful for in front of verandas and along walks, etc. Seeds should be sown early in green house, hotbed or conservatory; temperature about 80° for the best results. Begins to bloom middle of August, and is one mass of scarlet and green until killed by frost. We find seedlings to be more satisfactory than shipped plants; they are not so stiff, more graceful. We always have fine seedlings in season. Seed per pkt. 15c; oz. \$2.50.



DIANTHUS OR PINKS

PINKS, DIANTHUS (Chinensis)—Annual. Pink flowers the same season if seed be sown early. They are among the most brilliant of our garden flowers. Double mixed, per pkt. 10c; oz. 60c.

ROYAL PINKS—An improved strain of annual sorts; the flowers are single and have a range of the most brilliant colors. Per pkt. 10c; oz. 75c.

POPPY—A great variety of brilliant colors and various shapes. Hardy annual. Single and double mixed. Per pkt. 10c; oz. 40c.

SHIRLEY POPPIES Mixed—These are marvelous flowers. Petals like shimmery silk. Colors both soft and bright. Satiny-white marbled rose; also crimson scarlet, rose and pink. Trembling, nodding little beauties. Pkt. 10c; oz. 40c.

SCABIOSA (Morning Bride)—Commonly called Pin Cushion flower. A very fine cut flower as the stems are long and the flowers keep well in water.

AZURE FAIRY—Rich soft blue. Price pkt. 15c.

METEOR—Fiery scarlet. Price pkt. 15c.

BLACK PRINCE—Deep Maroon. Price, pkt. 15c.

CANARY—Pure yellow. Price pkt. 15c.

ROYAL—Deep purple. Price, pkt. 15c.

SNOWBALL—Pure white. Price, pkt. 15c.

Collection of 1 packet each, total 6 packets. Price 60c.

MIXED COLORS—A blended mixture of the above. Pkt. 10c; oz. 60c.

STATICE—Not only used as a border flower but may be dried for winter use among other everlastings. Our strain will hold its color when properly dried. We have same in an evenly balanced mixture. Pkt. 15c.



Scabiosa—Morning Bride

STOCK (Ten Weeks)—The Stocks, with their great variety of fine colors and large spikes of beautiful double flowers, are very popular among the Germans, and greatly prized for cut flowers on account of their fragrance and diversity of color. Double Dwarf, German, finest mixed, pkt. 10c. Intermediate, Large Flowered Early, finest mixed, pkt. 10c; oz. \$2.00.

SUNFLOWER, CHRYSANTHEMUM FLOWERED—Rich golden yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per pkt. 10c; oz. 25c.



Spencer Sweet Peas

SWEET PEAS — Sweet Peas no doubt are most every one's favorite. They can be grown easily if the following directions are carried out. Sweet Peas should be planted as early as one can work the ground. A trench 12 inches deep should be dug, filling in with ashes or cinders to a depth of 4 inches. Then cover same with three inches of soil. You are then ready for planting the seed. The seed should be covered about $\frac{1}{2}$ inch and the Peas allowed to grow. As they grow fill in the depth remaining in the trench to the average level. Water occasionally, as the cinders afford ample drainage. Some support such as poultry netting should be strung as soon as the Peas are 6 inches high, as they will soon begin to spin. If these instructions are carried out and the soil well enriched with Sheep Manure, there should be no reason why Sweet Peas cannot be grown successfully.

SPENCER TYPE SWEET PEAS—Are the large ruffled varieties and while we have always carried other types besides the Spencer, we have found that no better type or variety of Sweet Peas are procurable than Siegel's Spencer Type Sweet Peas found in the following named varieties:

APPLEBLOSSOM—Standard rose, showing veins of deeper rose, wings light carmine, the whole color overspreads on primrose. Pkt. 10c; oz. 30c.

HERCULES—Rosy Pink of giant size. Pkt. 10c; oz. 30c.

ILLUMINATOR—Bright Salmon cerise sparkling with orange, very charming. Pkt. 10c; oz. 30c.

KING EDWARD VII.—Rich waved crimson. Pkt. 10c; oz. 30c.

KING WHITE—Produces gigantic flowers absolutely pure white. Pkt. 10c; oz. 30c.

WARRIOR—Rich chocolate-maroon. Pkt. 10c; oz. 30c.

WEDGEWOOD—Beautiful blue. Pkt. 10c; oz. 30c.

YARRAWA—Rose, changing light pink, standard tinted buff. Pkt. 10c; oz. 30c.

CHOICE MIXTURE OF SPENCER TYPE—This mixture contains all the best sorts of this type. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Use Nodule Bacter on Sweet Peas.



Verbena

GIANT DAHLIA FLOWERED MIXTURE—Pkg. 25c; 1/4 oz. \$1.00; oz. \$3.50.

FLOWER SEEDS - - PERENNIALS

ACHILLEA (Milfoil Yarrow)—Achilleas are of easy culture and grow in any good garden soil. They are useful for border, wild garden or shrubbery; flowers white, very good for cutting. Pkt. 10c.

ANCHUSIA ITALICA, (Dropmore)—Grows 5 ft. high, blooming during June and July, beautiful flowers of Gentian Blue. Pkt. 15c.

ANEMONE (Wind Flower)—Very pleasing for herbaceous border; fine large flowers, excellent for bouquets and table decoration. Pkt. 15c.

AQUILEGLAS or COLUMBINES (Hardy Perennials)—These are among the most beautiful and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 3 feet or more above the foliage. Seed sown early in the spring will in most cases produce plants that will bloom the same season. Choicest mixed colors, per pkt. 15c.

NEW LONG SPURRED HYBRIDS in mixed colors—Mrs. Scott Elliot strain. Per pkt. 20c. Plants in season.

BELLIS DAISY (English Double)—They are favorite perennials; seeds should be sown from June 1st till September, transplanting in the fall and protected during the winter, and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches. *Montrosa Gigantes* in separate colors, White and Pink, per pkt. 15c. Plants in season.

CANTERBURY BELLS—A handsome biennial, with blue, white and rose-shaped flowers, remaining in bloom a long time; fine for bouquets. Height 1 foot. Hardy biennials—*Calycanthemum* Cup and Saucer—in separate colors, Blue, White, Pink, per pkt. 15c; or mixed colors, per pkt. 10c.

COREOPSIS—Perennial, grandiflora, single golden yellow flowers of graceful form; invaluable for cutting. Coreopsis mixed with blue Delphinium or Larkspur, make beautiful bouquets. Blooms the entire summer. Per pkt. 10c; oz. 50c. Plants in season.

DELPHINUM or LARKSPUR—The Hardy Larkspur are the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Seeds sown in the open ground in the spring will produce strong plants, some of which will flower the same season. Choicest Mixed Colors, per pkt. 10c; oz. \$1.00. *Belladonna*, per pkt. 15c. *Chinese Dark Blue*, per pkt. 15c.

VERBENA—The Verbena is one of the most effective bedding plants and unrivaled in the splendor of its dazzling brilliancy of flowers. They flower continually from spring to late in the autumn, and are always thrifty and free blooming. Pkt. 10c; oz. \$1.00.

VERBENA—Lemon Queen—Very fine canary yellow. Should be used with Pink Snapdragon as a wonderful color scheme. Pkt. 25c.

ZINNIA, Giant Dahlia Flowered—This variety surpasses anything heretofore introduced as Giant Flowering. The blooms easily measure six inches in diameter, are double, and contain the most beautiful colorings to be found. The Flower Garden would not be complete without them. Price, pkt. 25c.

We have the following Gold Medal Giant Dahlia Flowered Zinnias to offer in separate colors.

Polar Bear, pure white; **Canary Bird**, canary yellow; **Golden State**, rich golden yellow; **Exquisite**, deep rose; **Meteor**, scarlet; **Purple Prince**, deep purple. Price any color, pkt. 25c; 1/4 oz. \$1.25; oz. \$4.00.

Special offer of the above containing 1 pkg. of each (6 pkgs.) for \$1.00.

FOX GLOVE (Digitalis)—Showy and useful plants for the border; flowers borne in tall spikes, bell or thimble-shaped, of all colors; new plants may be had by dividing the roots. Height 2 feet. Hardy biennial. Per pkt. 10c; oz. 90c.



Gaillardia

able qualities is that they are perfectly hardy perennials, living through winters with little protection and increasing in size and beauty from year to year. Brilliant Scarlet pkt. 10c.

PYRETHRUM (Painted Daisy)—A striking flower both single and double. Pkt. 10c.

SCABIOSA (Pincushion)—Flowers on long stems, fine for cutting. Mixed colors, Pkt. 15c.

STOKESIA (Stokes Aster)—Blooms from July to October. Flowers rich blue, like a giant corn flower. Very distinct. Pkt. 15c.

SWEET WILLIAM (Dianthus Baratus)—A well known and popular flower, which has been improved the last few years, making it a most desirable plant for the garden. The double and single varieties, with their rich and varied colors, produce a charming effect for beds and borders. Per pkt. 10c; oz. 40c.

THE NEW SWEET WILLIAM (Newport Pink)—A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon pink or salmon-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass-bedding it has no equal. It is also very effective for cutting. We have a nice lot of plants in season. Seed per pkt. 15c; two for 25c; oz. 60c.

TRITOMA (Red Hot Poker)—Very handsome and showy border plant flowers having the appearance at a distance of orange and red colored spear heads. Require protection over winter in this locality. Pkt. 15c.

VERONICA SPICATA (Speedwell)—Among the prettiest of herbaceous plants bearing in most cases blue flowers. Bloom from July to September, flowers 2 ft. high. Pkt. 15c.

YUCCA (Adam's Needle)—Handsome cream white flowers much branched and densely packed with blooms, with sword-like foliage. Reaches height of 5 ft. Pkt. 15c.

ORIENTAL CLIMBERS

CANARY BIRD VINE (Tropaeolum Carariense)—One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 10c; oz. 25c.

COBEA SCARDENS—A climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc., will cling to any rough surface. In sowing place seeds edge-wise and merely cover with light soil. Large bell-shaped, purple flowers. Pkt. 10c.

ECHINOCYSTIS LOBATA (Climbing Wild Cucumber)—A rapid, luxuriant growing annual climber, very useful for quick effects. 30 to 50 feet. Per pkt. 10c.

NEW EARLY-BLOOMING SKY-BLUE MOONFLOWER—This strain is the result of a long continued selection and bursts into full bloom very quickly. Its lovely flowers, of which frequently one hundred and fifty are expanded at one time on the same plant, are from four to five inches across. The color is an exquisite sky-blue, with star-like indentation of a rose color. The vine grows very fast, attains from fifteen to eighteen feet in height, and will be found most useful for adorning trellises, bowers, pillars, walls and balconies. Pkt. 15c.

MOON FLOWER (New Cross-Bred or Hybrid Variety)—This variety is of great value for the north, as it is in full bloom fully one month before the white-seeded. This flower measures 4 to 6 inches across, and are very numerous. Tender annual. Seed should be notched with a file before soaking and started early inside for best results. Per pkt. 10c. Plants ready in May.

SCARLET RUNNER (Green Pod)—While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellis, fences, posts, etc. Pkt. 10c; oz. 10c; $\frac{1}{4}$ lb. 20c.

POPULAR CHOICE SUMMER FLOWERING BULBS

CANNAS

CANNAS are very appropriate for use in large beds or covering unsightly places. The following is a list of the best varieties known and can be had on and after May 1st, as they are already started, thereby avoiding any danger of frost.

CITY OF PORTLAND—Pink, green foliage, height $3\frac{1}{2}$ ft.

FLORENCE VAUGHN—Yellow, spotted crimson, green foliage. Height 5 ft.

KING HUMBERT—Coppery scarlet flowers, bronze foliage. Height $4\frac{1}{2}$ ft.

PRESIDENT—Glowing scarlet, green foliage. Height 4 ft.

MRS. ALFRED CONRAD—Salmon pink, green foliage. Height 4 ft.

YELLOW KING HUMBERT—Golden Yellow, dotted red, green foliage. Height $4\frac{1}{2}$ ft. The above varieties are all 15c each; \$1.50 per dozen.

GLADIOLI

The *Gladiolus* is the most satisfactory, the most desirable and the most popular of all garden bulbs. Nothing else of the kind costs so little, and nothing else grows and blooms so readily for anybody and everybody, in any soil or climate. It is, in short, the most satisfactory garden flower, thriving and blooming, as it does, with the least care and attention, and makes a display, which for brilliancy and beauty of coloring, few bulbs can equal and none surpass.

AMERICA—Soft lavender pink, each 5c; doz. 50c.

BARON HULOT—Deep violet blue, each 8c; doz. 85c.

CATHARINA—Grayish light blue, lower petals deeper blue with red blotch, each 15c; doz. \$1.50.

EMPRESS OF INDIA—Deep maroon, each 8c; doz. 85c.

FRANCIS KING—Vermillion scarlet, each 5c; doz. 50c.

GOLDEN MEASURE—Extra fine dark yellow, large spike, each 20c; doz. \$2.00.

LE MARSHAL FOCH—Same as America with larger bloom, each 10c; doz. \$1.00.

MARSHAL FOCH—This variety must not be confused with the above as it is entirely different being a salmon pink with a red blotch in the throat, each 15c; doz. \$1.50.

MARY PICKFORD—Creamy white with yellow throat, each 20c; doz. \$2.00.

MR. MARK—Light blue with darker spot in throat, each 10c; doz. \$1.00.

MRS. DR. NORTON—White edged with soft pink on lower petals, soft sulphurish blotch, each 10c; doz. \$1.00.

PEACE—Large white with pale Lilac feathering. Each 5c; doz. 50c.

PRINCE OF WALES—Delicate salmon rose. Each 10c; doz. \$1.00.

ROEM VAN KENNEMERLAND—Deep pink, white throat. Each 8c; doz. \$1.00.

SCHWABEN—Soft pure yellow, red stripe on lower petal. Each 8c; doz. 75c.

WAR—Deep bloodred. Each 8c; doz. 75c.

WHITE GIANT—Extra large pure white. Each 10c; doz. \$1.00.

WILBRINK—Soft pink, extra early. Each 8c; doz. 75c.

YELLOW HAMMER—Pure yellow, with red markings in throat. Each 8c; doz. 75c.

IEGEL'S SPECIAL MIXTURE—Composed of all of the above varieties at 75c doz.

IEGEL'S RAINBOW MIXTURE—Containing a few of the leading varieties listed above, 40c doz. Post paid.

THE OLDEST SEED HOUSE IN NORTHWESTERN PENNSYLVANIA

LILIES

No garden is complete without some of these hardy Lilies, most of which bloom from June until August.

LILIUM MAGNIFICUM—Rich crimson. Each 40c; doz. \$4.00.

LILIUM AURATUM—Golden banded lily. Each 45c; doz. \$4.50.

PEONIES

The most wonderful flower for herbaceous gardens, and used extensively in lining out drives, etc., as well as filling in and playing a prominent part in perennial borders.

We will have a list of some sixty varieties, some of which are of very late origin, and will be procurable on or after August 1st, as the time for planting Peonies is in the fall of the year.

TUBEROSES

TRUE EXCELSIOR PEARL—This is a special selection made for many years of the most dwarf, double and full-flowered spikes, and is exceptionally sturdy and dwarf in habit. We offer only choice mammoth size. Twice the size of the ordinary bulbs offered, all 3-year old bulbs, sure to bloom, each 10c. Post paid.

FIELD SEEDS

For various prices of Field Seeds, not mentioned in the following section, you will find enclosed a price list covering same, which, of course, is subject to change without notice. Any questions pertaining to any of the various commodities mentioned or cultural directions on same will be gladly mailed upon request.

SEED CORN

HUSKING VARIETIES

The Seed Corn situation is considerably better this year than the previous one and we offer the following varieties with germination tests on same running 90% or better.

CLARK'S EARLY SMOKY DENT.

EXTRA EARLY HURON DENT.

WHITE CAP YELLOW DENT.

LONGFELLOW YELLOW DENT.

CANADA FLINT.

PRIDE OF THE NORTH.

Prices on the above varieties of Corn: Pk. 85c; $\frac{1}{2}$ bu. \$1.65; bu. \$3.00.

ENSILAGE VARIETIES

Ensilage Corn is of general importance to the grower inasmuch that if at time of planting, one sows poor corn, the planting will have to be done over and the crop then comes on two or three weeks later than if good germinable corn is planted in the first place. Our corn all tests 90% or better and the following varieties are available:

C. P. ENSILAGE—(An offspring from Sweepstakes).

EUREKA WHITE ENSILAGE.

IMPROVED LEAMING.

CUBAN GIANT.

BLOODY BUTCHER.

Prices on above varieties of Ensilage Corn: Pk. 90c; $\frac{1}{2}$ bu. \$1.75; bu. \$3.50.

POTATOES

The Seed Potato has been of vital importance to the grower at large inasmuch as Michigan Grown Seed has proven to be superior in a great many respects. Our seed stock is all from Michigan and same has been carefully selected. We have the following variety to offer in certified stock.

IRISH COBBLERS—White skin, medium early. Write for prices.



1



2



9



20



8



15



7

Birch Bark

Bird Houses

And

Feeding Stations



6



5



10

BIRCH BARK BIRD HOUSES AND FEEDING STATIONS

These Bird Houses and Feeding Stations are built very substantially and should really be seen to be appreciated. They are constructed so that they may be cleaned easily.

Every yard or garden should have a few Bird Houses placed in the trees to enable the Feathered Songsters to stay there and make the atmosphere a more pleasant one.

No. 1—1 compartment Blue Bird House	Price \$3.00 Post paid
No. 2—2 compartment Blue Bird House	" 3.35 "
No. 5—A Robin shelter	" 3.75 "
No. 6—A Feeding station	" 3.25 "
No. 7—A Round Log Wren House	" 1.50 "
No. 8—A Long Oval Wren House	" 2.25 "
No. 9—A Small Oval Wren House	" 2.25 "
No. 10—A Shanty Wren House	" 2.50 "
No. 15—A Circle Top Wren House	" 1.50 "
No. 20—Birch Bark Plant or Porch Box, 16 in. long	" 1.00 each

We allow a discount of 10% of these houses when purchased in lots of one dozen or more. We did not have a single person reporting "no birds" in their houses last year. They are very attractive.



BIRD BATH

22 inches diameter; 27 inches tall.

Bird Baths not only make a beautiful adornment for the lawn but attracts the birds and afford an excellent opportunity for the study of Bird Lore. Priced within reach of everyone who has a garden, \$15.00 each.

While we are displaying a few of the Lawn and Garden requisites, we might here mention that we carry a complete line of Willow and Cedar Ferneries as well as Hanging Baskets, Jardinieres, etc. Everyone can afford a Bird Bath or Vase as listed on this page. We invite you to visit our State St. Store and see these on display.



GARDEN JAR

24 inches tall.

A useful and decorative jar for Lawns and formal gardens, \$12.00 each.



ITALIAN POTS

16 inch diameter, saucer included
Price \$5.50 each.

These Pots have been popular for years and always will be for their beauty of line cannot be excelled.



VILLA POTS

22 in. Diameter \$30.00 per pair
16 in. Diameter \$10.00 per pair
Saucers for 22 in. Size \$3.00 each
Saucers for 16 in. Size \$1.00 each

These are most attractive Pots for the porch approaches, pedestals of balustrades, etc.



TRADE MARK
SACCO'S
REGISTERED

Plant Food

Makes Things Grow

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS and TREES.

A light application once or twice a year will keep the lawn, garden, etc., in excellent growing condition. SACCO has more than four times the plant food value of pulverized manure.

RECOMMENDED BY HIGHEST AUTHORITIES

SACCO has thousands of satisfied users. In lawn and garden use and in the nurseries of progressive florists and nurserymen SACCO has proved its unvarying superiority.

CLEAN, ODORLESS—EASY TO APPLY

1 lb. Can.....\$.25	20 lb Bag.....\$1.75
5 lb. Bag..... .50	50 lb Bag..... 3.00
10 lb. Bag..... .85	100 lb. Bag..... 5.00

HOW MUCH SACCO TO BUY

Figure your requirements at 2 to 4 pounds per square, 10x10 feet. Simple directions for applying are printed on each package.

HIGH GRADE FERTILIZERS

For Lawn, Garden, Etc.

ASHES, HARDWOOD—This plant food is well adapted for top-dressing Lawns, as well as finding a prominent place in garden work; especially where the ground is heavy it has a tendency of breaking up the molecules and enabling plant life to thrive. The best time to apply same is in the fall as it gets a chance to leach as it were, and by spring plowing it is thoroughly incorporated in the soil. Application 100 lbs. per 1000 sq. ft. Price 100 lbs. \$2.25; 50 lbs. \$1.25.

BONE MEAL (Fine Ground)—Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouses and in any case where a moderately slow acting stimulant fertilizer is wanted. Price, 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.50.

CATTLE MANURE, SHREDDED—Nowadays when it is next to impossible to obtain well rotted Manure we have found this to be very satisfactory inasmuch as it is very coarse and when worked into the soil affords a great deal of Plant Food as well as Humus. It is extensively used in mulching lawns in late fall or used in the same manner around shrubbery, and perennial borders. In using same in this manner one finds that it has almost become decomposed over winter and the plants readily take up the Plant Food in the spring. Application 100 lbs. per 1000 sq. ft. Price \$2.50 per 100 lbs.

LIME (Hydrated or Powdered)—This is a very fine article for distributing, and should be used freely at the rate of one ton per acre where the soil is deficient in Lime and wants sweetening. Lime is not a fertilizer in itself, but will dissolve and make more available the fertility in the soil; but, if used alone in time, will exhaust the soil. Price, 10 lb. sack 25c; 25 lb. sack 40c; 50 lb. sack 70c.

MURIATE OF POTASH—Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grain, etc. Analysis about 80%. Price, per lb. 10c; 25 lbs. \$1.50; 50 lbs. \$2.25. Original bag, 200 lbs. \$6.50. Not mailable.

FERTILIZERS-- Continued

NITRATE OF SODA—Is the most powerful plant stimulant on the market, and is used in addition to other fertilizers. Very quick in action, hastens crops to maturity. Applied after plants are above ground, as a top dressing; use 150 to 300 lbs. per acre. As a liquid 5 lbs to 60 gallons of water. Price per lb. 10c; 25 lbs. \$1.50; 50 lbs. \$2.50; original bag, 200 lbs. \$8.50. Not mailable.

PREMIER BRAND POULTRY MANURE—This is the latest thing in commercial fertilizer and needs no introduction as you are all acquainted with the plant food properties available in Poultry Manure. It contains more plant food than Sheep Manure and can be used in any quantity without injury to the plant. Price, 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.80; 100 lbs. \$3.00.

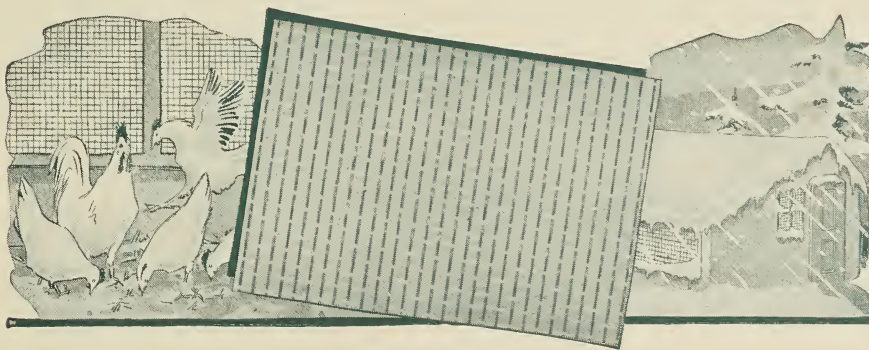
PULVERIZED SHEEP MANURE (Thoroughly Sterilized and Immediately Available, Odorless)—Is the highest and purest grade on the market. It is Nature's own fertilizer, and the best for lawn, flower and vegetable garden, greenhouse, vineyard, small fruits, etc. It makes the richest, safest and quickest liquid manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 25 lbs. Sheep Manure will cover 600 square feet; 100 lbs. 2400 square feet. Price, 1 lb. sack 10c; 5 lb. sack 30c; 10 lb. sack 45c; 25 lb. sack 90c; 50 lb. sack \$1.50; 100 lb. sack \$2.50. Not mailable. Special prices in large lots

SULPHUR—Sulphur is being recommended highly now to prevent Rust and Smut on grain crops and for control of Potato Scab. Also used to prevent and cure Mildew on plants and also as a Fertilizer. In fact, Sulphur is a great purifier. Use 25 lbs. of Commercial Flour Sulphur to 2 bushels grain will prevent Smut and Rust.

COMMERCIAL FLOUR SULPHUR—99½% pure for Insecticide and Fertilizer, per lb. 5c; 25 lb. lots \$1.00; 100 lb. lots \$4.00.

EXTRA FINE SULPHUR—For Dusting, 1 lb. 15c; 10 lb. lots at 10c per lb. Special prices in quantities.

CELL-O-GLASS



Cell-O-Glass is a prepared wire netting, finely woven, and so constructed that it will take the place of any other similar materials and in some cases even replace window glass.

While it is not as transparent as window glass it serves the purpose, thereby allowing the Violet Rays to come through and in most cases is as efficient.

It is used chiefly for covering sash used in Hotbeds and Cold Frames, as well as Poultry House fronts, etc.

It is made up in rolls running 3 ft. in width and may be had in any length desired.

People have found Cell-O-Glass very easy to apply as the method is the same as Window screening. While not exactly unbreakable it will stand considerable abuse and if torn can be easily mended.

In using same for Hotbeds or Cold Frames, the frames can be made of lighter material thus enabling easier and lighter handling than the old style frame. Price 45c per running foot, three ft. wide.

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DUST



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DUST

Dusting is becoming the quickest, easiest, and most efficient method of destroying insects as well as controlling most plant diseases. Nothing to mix, no water, just simply fill your duster and you are ready to go. Ask us for a circular called Garden Police which explains the use of the following dusts:

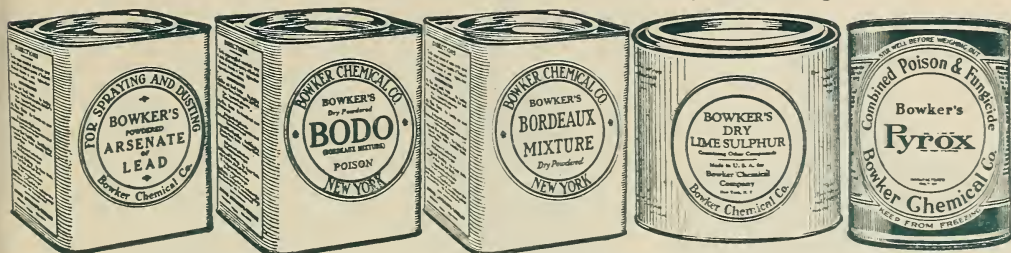
Read This Table and Select Proper Dust to Buy.

Pest to Control	Dust to Use	
	Flowers and Shrubs	
Insects and worms which actually eat portions of the plant; beetles, worms, caterpillars, etc. External chewing insects.	No. 1 Entodust 1 lb. Pkg. 40c	No. 1 Entodust 1 lb. Pkg. 40c
Insects which suck out the plant juice; aphids, (plant lice), plant flies. For fumigating greenhouses and conservatories. Sucking Insects:	No. 2 A-1 Dust 1 lb. Pkg. 60c	No. 2 A-1 Dust 1 lb. Pkg. 60c
Diseases: Many mildews, blights, fungus troubles.	No. 4 Pomodust 1 lb. Pkg. 35c	No. 3 D-6 Dust 1 lb. Pkg. 45c
Diseases: Many mildews, blights, fungus troubles, and to kill worms, caterpillars, beetles, chewing insects—(a combination dust).	No. 4 Pomodust 1 lb. Pkg. 35c	No. 5 D-20 Dust 1 lb. Pkg. 50c
A good dust to use to keep up general good health, prevent disease and attacks of Insect Pests.	No. 6 All-in-One Dust 1 lb. Pkg. 60c	

While the above mention general dusts are put up in handy 1 lb. cans, we handle other dusts for special purposes. These special purpose dusts are available in quantities. Write or ask for prices and circulars covering, "How and When to Dust."

SPRAYING MATERIAL

Insecticides and Fungicides for Spraying, Dusting, etc.



In order to attain success in growing most Vegetables as well as Fruits, one must be always on the alert to see that the insects, bugs, etc., do not ruin the crop and thus end the hard labor put forth in planting and caring for the plants. This has been particularly true the last few years when cut worms would ruin a garden or field over night. To get rid of cut worms we have found a bran mash mixed with molasses and Paris Green as a poison and placed around plants, has helped to kill this most dreaded garden pest. Tobacco Dust sown along with the seed, has given some relief for Magots as well as an application of Hard Wood Ashes in the same manner. Both of these repellants are considered high in Plant Food properties and are used extensively by most successful gardeners and farmers for both purposes.

Fungus among plants and foliage cannot be easily cured and can only be prevented by spraying or dusting frequently from time to time. We have special literature covering the use of Insecticides and Fungicides on most fruits and vegetables. Free upon request.

ARSENATE OF LEAD—The Most Effective of all Insecticides—Arsenate of Lead has come to stay, and is fast taking the place of Paris Green. Where once used it will always be used. This chemical is more adhesive than any other sort. We handle it now only in the dry powdered form. Price, $\frac{1}{2}$ lb. bag 25c; 1 lb. bag 45c; 5 lb. bag \$2.00.

"BLACK LEAF 40"—Used only in destroying sucking insects such as Aphids, Thrips, Leaf Hoppers, etc. Prices, 1 oz. 35c; $\frac{1}{2}$ lb. \$1.25; 2 lb. \$3.75; 10 lb. \$13.00.

BOWKER'S DRY LIME SULPHUR COMPOUND—(Used for the control of San Jose Scale and Apple Scab)—It excels as both a winter and summer spray. Dissolves instantly in cold or hot water, sticks like paint, leaves a fine waxy finish on the fruit, effects a saving of at least 25 per cent in your spray bills. Price, per lb. 20c. One pound Sulphur Compound to four gallons of water, for dormant spray, and 1 pound to 12 gallons of water for summer spray. Not available.

BOWKER'S PYROX—Insecticide, Fungicide—One spray serves both purposes. With Pyrox it is not necessary to use Paris Green, Arsenate of Lead or Bordeaux Mixture. Used for leaf-eating insects and many blights. This is what a large user says: "We always recommended Pyrox, as we have used it and know that it will kill potato bugs, and in fact, all leaf-eating pests." Prices, 1 lb. 50c; 5 lb. \$1.75; 10 lb. \$3.00.

BOWKER'S BODO—Is a new development in the insecticide field. It is equivalent to a combination of Arsenate of Lead and Bordeaux Mixture in a dry powdered form. Bodo destroys many leaf-eating insects and controls fungus growths, rot, scab, blight and mildew, used at the rate of 5 to 6 lbs. to 50 gallons of water for garden work; 5 to 6 level teaspoons to one gallon water. Price per 1 lb. bag 30c.

GRAFTING WAX—Used in supporting grafts also in covering wounds. It never hardens. Price, $\frac{1}{2}$ lb. 25c; 1 lb. 40c.

PARIS GREEN—Used chiefly as a poison in mixing poison bait for cut worms. Price, $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; 1 lb. 60c.

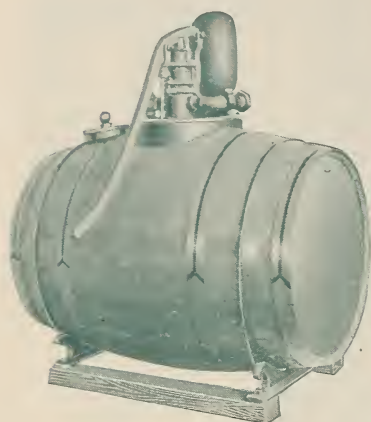
MELROSINE—It is a highly concentrated liquid insecticide, which diluted for use with from 20 to 25 parts of water, effectively destroys rose bugs as well as minor insects and diseases that afflict the Rose and many other plants, leaving the flowers and leaves unblemished, while absolutely harmless to human beings and domestic animals and free from any disagreeable odor. Price, trial size 50c; pt. can \$1.00; qt. can \$1.75; gallon can, \$6.00. Not available.

TOBACCO DUST—A sure remedy for green fly, aphids, fleas, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Also cheapest and best for plants. Price per lb. 10c. Post paid. By freight or express, 25 lb. lots, 6c per lb.

SLUG SHOT—One of the cheapest and best powders for destroying insects, especially on Cabbage. 1 lb. carton, 20c; 5 lb. 50c.

"VOLCK" is effective on all insects on ornamental and flowering plants. Wonderful results have been obtained against red spiders, cyclamen mite, aphids, (green fly), scale, mealy bug, thrips, and caterpillars. Many pests that could not be controlled before are now killed with VOLCK. Even mildews and rusts are prevented and stopped by VOLCK. A circular covering the use and application of Volck upon request. Prices, 1 qt. cans \$1.00; gal. cans \$3.00.

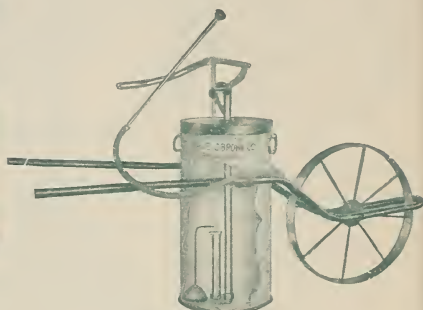




No. 24



No. 9



No. 30-D



No. 23



Hand Duster

Spraying can only be efficiently applied when proper equipment is used. We are listing only that equipment which will satisfy the most critical buyer. Sprayers should be well cleaned and stored in a dry place so they will be ready to use at a moment's notice.

No. 24—A barrel sprayer producing 200 pounds pressure. Used in orchards, stables and where high pressure is needed. Can be put on a stone boat and moved easily. Price without equipment, \$45.00.

No. 30D—A wheelbarrow Sprayer, tank holds 8 gallons solution, and is ready for use. Price \$15.00.

No. 9D—A compressed air sprayer, holding 3 gallons solution, tank of heavy galvanized iron. A few strokes of the pump after filling will almost empty the tank when spraying. Price Galv. \$6.00; Brass \$8.00.

No. 50—For those who desire a smaller compressed air sprayer, we carry this convenient size in stock. Tank holds a 2 gallon solution. Price, Galv. \$4.75; Brass \$6.00.

No. 23—A hand atomizer made of brass, holding 2 quarts. Used chiefly for small garden work or household use. Price \$2.50.

No. 26—A still smaller atomizer, holds 1 quart. Made of brass, very handy for small work. Price \$1.35.

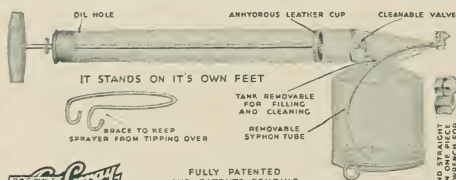
No. 28—An atomizer made of heavy tin. Price 35c.

HAND DUSTER—Dusting as we have mentioned before is coming to the front. Our hand duster can be used for vegetables, flowers, bushes, small trees, and poultry houses. Handles Arsenate of Lead, Calcium, Paris Green, Sulphur, Carbola and other dusts perfectly. Price \$1.25.



Standard Spray Pump

It Sprays Continuously



STANDARD SPRAY PUMP

Made entirely of brass. Is used with bucket, knapsack, tank or barrel, for spraying orchards, gardens, vineyards, whitewashing and disinfecting chicken houses, killing vermin on stock. Warranted to purchaser for 5 years. Price with 3 feet of hose, \$5.00.

Auto Spray
No. 26
REG. U.S. PAT. OFF.

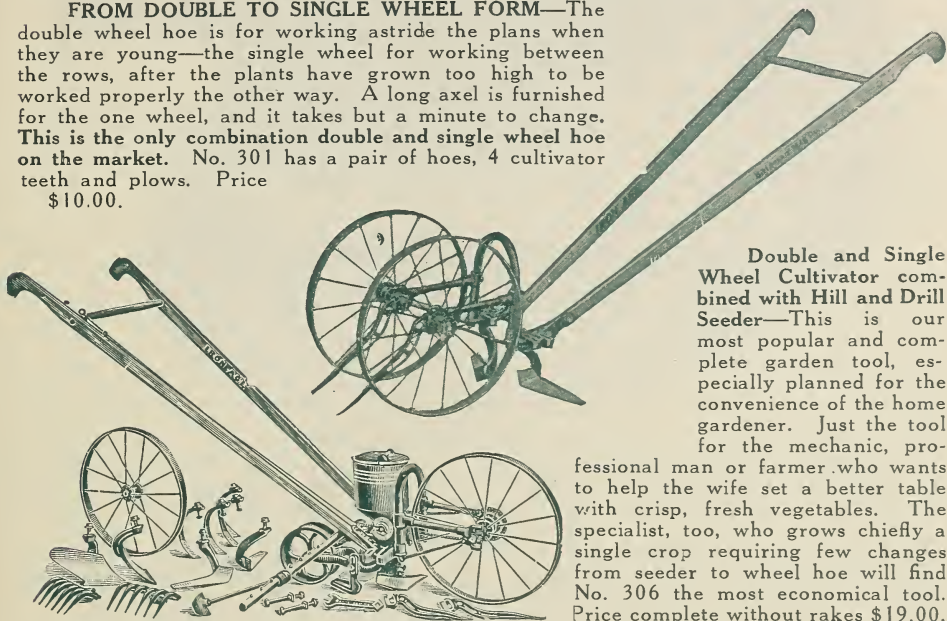
ANGLE AND STRAIGHT
ACTS AS SPRAYER FOR
POULTRY

FARM AND GARDEN TOOLS

Iron Age tools are good tools. We have been handling the Iron Age line for a great many years, besides carrying a complete list of repair parts for same, thus giving to you the service you deserve when you buy garden equipment.

DOUBLE AND SINGLE WHEEL CULTIVATOR

FROM DOUBLE TO SINGLE WHEEL FORM—The double wheel hoe is for working astride the plants when they are young—the single wheel for working between the rows, after the plants have grown too high to be worked properly the other way. A long axel is furnished for the one wheel, and it takes but a minute to change. **This is the only combination double and single wheel hoe on the market.** No. 301 has a pair of hoes, 4 cultivator teeth and plows. Price \$10.00.



Double and Single Wheel Cultivator combined with Hill and Drill Seeder—This is our most popular and complete garden tool, especially planned for the convenience of the home gardener. Just the tool for the mechanic, professional man or farmer who wants to help the wife set a better table with crisp, fresh vegetables. The specialist, too, who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 the most economical tool. Price complete without rakes \$19.00.

GARDEN TOOLS AND SUPPLIES

In order to produce results, good tools and supplies should be used. We have made a specialty of carrying only the best quality in this respect.

ASPARAGUS KNIVES—Made of the best of steel. Besides being used for cutting this popular vegetable it serves as handy in digging weeds in the Lawn or Garden. Price 60c each.

HOES—These Hoes are made of the best steel and can be sharpened easily so that efficient work is made easy. Price \$1.00 each.

RAKES—The Rake is a tool seldom used except in preparing a seed bed or cleaning up rubbish. Our rakes are made of the best steel with polished handle and fourteen teeth. Price \$1.00 each.

SHEARS, PRUNING—These Shears are made of the best hand forged steel and are so constructed that they may be easily sharpened. Price \$1.75 and \$3.50 each.

SHEARS, HEDGE—This tool is used mostly in trimming hedges and pruning heavy wood and are made of steel with wood handles. They will not give at the bolt like some cheaper Shears and are guaranteed against this common defect. Price \$1.75 each.

SPADES—Our Spades are made of best steel and handle is well reinforced. Price \$1.25 each.

SPADING FORK—The Spading Fork has won a great deal of favor among gardeners as it is used extensively in digging root crops, bulbs, or preparing the seed bed. Made of best steel. Price \$1.25 each.

SPRINKLING CAN—We carry the finest and best can on the market. This can is made of extra heavy galvanized iron, is well reinforced. The spout is removable and the joint is made of brass so that it will not corrode. Each Sprinkler is equipped with two copper faced roses, one fine and the other coarse. These cans have been used extensively by florists and in a great many instances they have been in use for ten years or more. Made in two sizes—8 qt. \$5.00; 10 qt. \$5.50; oval \$6.00.

TROWELS—Most of our trowels are made of best steel and are so constructed that they seldom bend or break at the neck as the shank is quite heavy and is inserted in the handle instead of around the handle as is the case of cheaper trowels. Prices, 25c each to 50c each, all depending on the size.

WEEDERS—We carry a complete line of small hand weeders made up differently to comply with the different uses. Prices 25c to \$1.00 each.



IMPERIAL BABY CHICKS

IMPERIAL QUALITY CHICKS

We do not claim to have the best poultry in the world, neither exceptional high egg records, but we do claim to be offering you chicks of "Better Quality," many of which would cost you three and four times as much from a specialty breeder.

OUR TERMS

Chicks ordered in advance will be booked for shipment if accompanied by \$2.00 for each 100 chicks or less, balance 10 days before shipment. We do not ship C. O. D. Please use Pink Order Sheet for Chicks only.

OUR GUARANTEE

You take no risk in buying chicks from us. We guarantee 98 per cent live delivery. Open your chicks in the presence of the postmaster, and if for any reason they are not satisfactory or there be a shortage in the number of chicks ordered, have him sign your written statement as to your complaint. No claim allowed unless accompanied by this statement and made within twenty-four hours after arrival of chicks. Do not let your chicks lie at the postoffice, have the postmaster call you as soon as they arrive.

OUR PRICES:

Breeds	Prices on 25	50	100	500	1000
S. C. White Leghorns (Tankred)	\$3.75	\$7.50	\$14.00	\$67.50	\$130.00
S. C. White Leghorns (American)					
S. C. White Leghorns (Barron's English)...					
Special Mating of the above	4.25	8.50	16.00	77.50	150.00
S. C. Reds	4.25	8.50	16.00	77.50	150.00
Barred Rocks					
White Rocks					
S. C. Anconas					
Special mating of the above	4.75	9.50	18.00	87.50	170.00
White Wyandottes	4.75	9.50	18.00	87.50	170.00
Special mating of the above	5.25	10.50	20.00	97.50	190.00

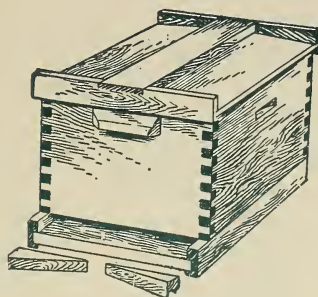
This hatchery has been looking for a valuable "gift" that we could make to all of our customers—a little present that would prove especially valuable to them in their chicken business.

We recently saw a copy of a book on baby chicks—telling everything about them "from A to Z"—written by H. Cecil Sheppard, who has been a breeder and specialist for about twenty years. Mr. Sheppard is one of the best known men in the poultry industry—being a notable figure particularly at the Madison Square Garden Show, New York City.

We have made arrangements for a quantity of these books and—while they last—give one free with every order for baby chicks.

We hope you will get your order in early enough so that you will be sure to have one of these valuable chick books—free.

BEEKEEPER'S SUPPLIES



Bee Hive

WE SELL THE "FALCON" SECTION

Which is made from selected basswood, the white part of the lumber only being used, all the dark, knotty and otherwise unsuitable parts being cut out and used for other purposes.

FALCON SECTIONS are not only superior in polish, but no other manufacturer has ever been able to produce sections with such perfect V-grooves. The importance of this item must not be over-looked, for the elimination of breakage when folding means dollars saved. It has been a source of great pleasure to us to receive hundreds of letters from our customers stating that they have never used any sections which go together as accurately and with as little waste as "Falcon" Sections. Price, Bee-way Section No. 1, $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{8}$, per 1000, \$12.00; per 100 \$1.40.

COMB FOUNDATIONS—Light section foundations, size of sheet, $3\frac{7}{8} \times 15\frac{1}{2}$, 27 to 29 sheets to the pound, per lb. 85c.

BROOD FOUNDATIONS—Light Comb Foundation for Brood, size of sheet $7\frac{3}{4} \times 16\frac{3}{4}$, 7 to 8 sheets to the pound, per lb. 75c.

THE PORTER DOUBLE BEE ESCAPE

THE PORTER DOUBLE BEE ESCAPE greatly facilitates the removing of honey from hives and supers. The escape is fastened to a board after making a suitable hole in same. One escape to a board is sufficient. Complete directions for using the escape are sent with each one. Price, double escape, 20c.

PORTER HONEY HOUSE ESCAPE—This is a larger escape than the one used on the super and is designed for use in extracting rooms or any place where it is desirable to get rid of bees. Price 20c.

BEE ENTRANCE GUARDS—These are to admit workers, but exclude drones. After the drones are all out, fix the guards over the entrance, and at night the drones can be destroyed. State whether eight or ten frame size. Price 40c.

ALLEY'S COMBINED DRONE AND QUEEN TRAP—State whether eight or ten frame hive. Price \$1.00.

BINGHAM BEE SMOKER

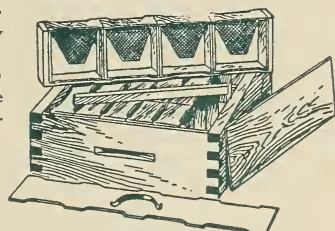
Unlike other smokers, the nozzle of the Bingham fits into the stove so that cressets collecting runs down into the fire and is burned. Improvements and better materials and workmanship make the 1913 models of this smoker, which has been the standard longer than any other, better than ever. Price \$1.15. Post paid \$1.25.

BEE GLOVES

Especially treated to prevent stings, \$1.00 per pair.

MUTH IDEAL BEE VEIL

This veil is made of light weight indestructible wire and strong cloth. Will not blow in your eyes or stick to your face. Price \$1.35; Post paid, \$1.45.



Dovetailed Super No. 1



Muth Ideal Bee Veil

BINGHAM
BEE SMOKER

REFERENCE TABLES

Number of Plants to the Acre at Given Distances

Dis. apart	No. plants	Dis. apart	No. plants	Dis. apart	No. plants	Dis. apart	No. plants
12 x 1 in.	522,720	24 x 24 in.	10,890	36 x 36 in.	4,840	60 x 60 in.	1,743
12 x 3 "	174,240	30 x 1 "	209,088	42 x 12 "	12,446	8 x 1 Ft.	5,445
12 x 12 "	43,560	30 x 6 "	34,848	42 x 24 "	6,223	8 x 3 "	1,815
16 x 1 "	392,040	30 x 12 "	17,424	42 x 36 "	4,148	8 x 8 "	680
18 x 1 "	348,480	30 x 16 "	13,068	48 x 12 "	10,890	10 x 1 "	4,356
18 x 3 "	116,160	30 x 20 "	10,454	48 x 18 "	7,790	10 x 6 "	726
18 x 12 "	29,040	30 x 24 "	8,712	48 x 24 "	5,445	10 x 10 "	435
18 x 18 "	19,360	30 x 30 "	6,970	48 x 30 "	4,356	12 x 1 "	3,630
20 x 1 "	313,635	36 x 3 "	58,080	48 x 36 "	3,630	12 x 5 "	736
20 x 20 "	15,681	36 x 21 "	14,520	48 x 48 "	2,723	12 x 12 "	302
24 x 1 "	261,360	26 x 18 "	9,680	60 x 36 "	2,901	16 x 1 "	2,722
24 x 18 "	15,520	36 x 24 "	7,260	60 x 48 "	2,178	16 x 16 "	170

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre

Quantity per acre

Artichoke, 1 oz. to 500 plants	6 oz.
Asparagus, 1 oz. to 800 plants	4 lbs.
Asparagus roots	1,000 to 7250
Barley	120 lbs.
Beans, dwarf, 1 pt. to 100 ft. of drill ..	60 "
Beans, sowe, 1 pt. to 100 hills	30 "
Beet garden, 1 oz to 100 ft. of drill ...	7 "
Beet, Mangel, 1 oz. to 100 ft. of drill ...	5 "
Broccoli, 1 oz. to 5000 plants	2 oz.
Brussels Sprouts, 1 oz. to 5000 plants. 2 "	
Buckwheat	15 to 25 lbs.
Cabbage, 1 oz. to 5,000 plants.	
Carrot, ¾ oz. to 100 feet of drill	2½ lbs.
Cauliflower, 1 oz to 5,000 plants.	
Celery, 1 oz. to 15,000 plants.	
Chicory	4 lbs.
Clover, Alsike	6 "
" Alfalfa or Lucerne	15 to 25 "
" Mammoth	3 to 12 "
" Medium	8 to 12 "
" White Dutch	6 "
Collards, 1 oz. to 5,000 plants.	
Corn, rice shelled)	2 qts.
Corn, sweet, ½ pt. to 100 hills	82 lbs.
Cowpea, in drills	60 "
Cress, ¾ oz. to 100 ft of drill	12 "
Cucumber, 1 oz. to 100 hills	1 to 3 "
Dill, 1-3 oz. to 100 feet of drill	5 "
Egg Plant, 1 oz. to 2,000 plants	4 oz.
Endive, ¾ oz. to 100 feet of drill	4½ lbs.
Flax broadcast	30 "
Garlic, bulbs, 1 lb. to 10 ft. of drill.	
Gourd, 2 oz. to 100 hills.	
Grass, Blue, Kentucky	15 to 20 lbs.
" Millet	25 "
" Mixed Lawn	60 to 100 "
" Red Top Fancy	8 to 10 "
" Rhode Island Bent	25 to 40 "
"	10 to 15 "

Quantity per acre

Grass, Orchard, Perennial Rye and Wood Meadow	25 to 35 lbs.
Hemp	25 "
Horse Radish roots	10,000 to 15,000
Hungarian	25 lbs.
Kale, 1 oz. to 5,000 plants, or 200 feet of drill.	
Kohl Rabi, 1-3 oz. to 100 ft. of drill	4 lbs.
Leek, 1-3 oz. to 100 feet of drill	4 "
Lettuce, ¼ oz. to 100 feet of drill	3 "
Melon, Musk, 1 oz. to 100 hills 1 to 3	
" Water, 4 oz. to 100 hills.. 1½ to 4	
Millet	12 to 25 "
Nasturtiums, 2 oz. to 100 ft. of drill ..	15 "
Okra, 1 oz. to 100 ft of drill	8 "
Onion seed, 1-3 oz. to 100 ft. of drill 4 to 5	
" " for sets	40 to 80 "
" sets, 1 lb. to 100 ft. of drill	250 "
Parsnip, ¼ oz. to 100 ft of drill	3 "
Parsley, ¼ oz. to 100 ft. of drill	3 "
Peas, garden, 1 quart to 100 feet of drill ..	55 to 120 "
Peas, field	120 "
Pepper, 1 oz. to 1,500 plants.	
Pumpkin, ¾ lb. to 100 hills	3 to 4 "
Radish, 2-3 oz. to 100 ft. of drill ..	10 to 12 "
Ruta Baga	2 to 4 "
Rye	60 to 90 "
Sage in drills	4 to 5 "
Salsify, ¾ oz. to 100 feet of drill	8 "
Spinach, ½ oz. to 100 feet of drill	8 "
Summer Savory	¾ "
Sunflower	8 "
Squash, summer, 4 oz. to 100 hills	4 "
" winter, 8 oz. to 100 hills	2 "
Tomato, 1 oz. to 2,000 to 3,000 plants.	
Tobacco, 1 oz. to 5,000 plants.	
Turnip, 1 oz. to 250 ft of drill	1 to 3 "
Vetch, Spring	90 to 120 "
" Hairy or Sand	30 to 60 "

Table Showing Weight of Various Articles

Barley	per bushel, 48 lbs.
Beans	60 "
Buckwheat	48 "
Broom Corn	46 "
Blue Grass	14 "
Clover Seed	60 "
Corn, Field, Shelled	56 "
Corn, on the ear	70 "
Flax Seed	56 "
Hemp Seed	40 "
Hungarian Grass Seed	48 "
Millet, Japanese	32 "
German Millet	50 "
Oats	32 "

Onion Sets	per bushel, 32 lbs.
Orchard Grass	14 "
Perennial Rye Grass	24 "
Peas	60 "
Rape, dwarf, Essex	50 "
Red Top Grass Seed	10 "
Rye	56 "
Spinach	40 "
Timothy Seed	45 "
Top Onions	28 "
Turnip	55 "
Vetches	60 "
Wheat	60 "

ORDER SHEET

SIEGELS' SEED STORE, -

ERIE, PENNA.

VERY IMPORTANT.

Write your name very plainly, and give your Post Office, County and State every time.

Forwarded By (State on this line whether wanted)
Mail, Express or Freight.

Date 19

State Amount Enclosed

Your Name

Post Office Order

Post Office R.F.D. No.

Checks

County State

Express Money Order

Street, P. O. Box

Bank Draft

Cash, Notes and Silver

Express or Freight Office (If different
from P. O.)

Postage Stamps

TOTAL

Quantity

NAMES OF SEEDS AND BULBS WANTED

Price

Amount carried over

[illegible]

For BABY CHICKS ONLY

USE THIS ORDER BLANK

Prices on page 46

WRITE YOUR NAME AND ADDRESS PLAINLY

Please Print or Type

Street or R. F. D.

Town

County

Date

No. of
Chicks

Best Variety

Address

For Special Orders

Please mention Order No.

Give New York County Address

Postpaid

FOREIGN NAMES OF VEGETABLES AND HERBS

ENGLISH	ITALIAN	POLISH	SPANISH	DANISH-NORWEGIAN	GERMAN
Anise	Aniso, Anacio ..	Anyz	Anis, Matalahuga ..	Anis	Anis, Gruner Anis
Artichoke	Articiocca	Karczochy	Alcachofa	Artiskok	Artischoke
Asparagus	Sparagio	Szparaga	Esparrago	Asparagus	Spargel
Balm	Melissa	Balsom	Toronjil, Citronella	Balsamurt	Citronen-Melisse
Basil	Basilico	Bazylia	Albaca	Basilikum	Basilikum
Beans	Fugiuoli	Fasola	Habichuela	Boenner	Bohnen
Beet	Barbarietola	Buraki	Remolacha	Roedbede	Rube
Borage	Boragine	Boraz	Borraja	Borago	Boretsch
Broccoli	Brocoli	Brokuly	Broculi	Broccoli-Kaal	Spargelkohl
Brussels Sprouts	Cavolo di Brusselles	Latorvil	Bretones de Brusselas	Rosenkaal	Rosenkohl
Cabbage	Cavolo	Kapusta	Col repello	Hovedkaal	Kopfkohl, Kraut
Cabbage, Savoy	Cappuccio Cavolo di Milano	Sabaudzka Kapusta	Col de Milan	Savoikaal	Wirsing
Caraway	Carvi	Kminek	Comino	Karve	Feld-Kummel
Carrot	Carota	Marchew	Zanahoria	Gulerod	Carotten Mohren
Cauliflower	Cavolflore	Kalafiory	Coliflor	Blomkaal	Blumenkohl
Celery	Sedano	Selery	Apio	Selleri	Sellerie
Celeriac	Sedano-rapa	Selery (Korsen)	Apio-nabo	Knopselleri	Knoll-Sellerie
Chevil	Cerfoglio	Czechrzyca	Perifollo	Kjoervel	Kerbel
Chicory	Cicoria selvatica	Cykorya	Achicoria	Cichorie	Cichorienwurzel
Coriander	Corianderlo	Koledra	Culantro	Koriander	Coriander
Corn Salad	Veleriana	Ziarno Salaty	Canonigos	Vaarsalat	Feldsalat
Corn	Mais	Kukurydza	Maiz	Mais	Mais
Cress	Agretto	Rzerzucha	Mastuerzo	Karse	Garten-Kresse
Cress, Water	Nasturzio aquatico	Rzerzucha wodna	Berro	Broendkarse	Brunnenkresse
Cucumber	Cetriolo	Ogorek	Cohombro	Agurk	Kurken
Dandelion	Dente di leono	Papawa	Diente de leon	Loevetand	Lowenzahn
Dill	Aneto	Koper	Eneldo	Dil	Dill
Egg Plant	Petronciano	Gruszka milosna	Berengena	Aegplante	Eierpfanze
Endive, Curled	Endivia	Endywia	Endivia	Endivie	Endivien
Endive, Broad Leaf	Endiva Scariola	Escarolo	Escarolo	Escariol	Escariol
Fennel	Finocchio	Koper	Hinojo	Fennikel	Fenchel
Garlic	Aglio	Czosnek	Ajo	Hvidloeg	Knoblauch
Horsehound	Marrubio	Marubium	Marrubio	Andorn	Andorn
Hore Radish	Rafano	Chrzan	Taramago	Pebberrod	Meer Rettig
Hyssop	Issopo	Hyzop	Hisopo	Isop	Isop
Kale	Cavolo verde	Solanka	Breton, Berza	Croenkaal	Blatterkohl
Kohl Rabi	Cavolo rapa	Kalarepa	Col rabano	Kaalrabi	Knollkohl
Lavender	Lavanda	Lawenda	Espliego	Lavendel	Lavendel
Leek	Porro	Pory	Puerro	Purre	Porree, Lauch
Lettuce	Lattuga	Salata	Lechuga	Salat	Lattich, Kopfsalat
Marjoram	Maggiorana	Majeranek	Mejorana	Merian	Marjoran
Melon	Popone	Melon	Melon	Melon	Melone
Melon, Water	Melone d'aqua	Melon, wodny	Sandia	Vandmelon	Wasser-Melone
Mushroom	Fungo Pratajolo	Grzyb	Seta	Champignon	Schwamm
Nasturtium	Nasturzio	Nasturcyca	Capuchina	Blomkarse	Kapuciner Kresse
Okra	Ocra	Gombo	Gombo	Hibiskus	Ocher
Onion	Cipollo	Cebula	Cebolla	Roedloeg	Zwiebel
Parsley	Prezzemolo	Pietruszka	Perejil	Persille	Petersilie
Parsnip	Pastinaca	Pasternak	Chirivia	Pastinak	Pastinake
Peas	Piselo	Groch	Guisante	Erter	Erbsen
Pepper	Peperone	Pierprz	Pimiento	Spansk Peber	Preer
Pumpkin	Zucca	Bania	Calabaza totanera	Graeskar	Melonen-kurbiss
Radish	Ravanello	Rzodkiew	Babanito	Reddik	Radies
Rhubarb	Rabarbaro	Rubarbarum	Ruibarbo	Rrabarber	Rhabarber
Rosemary	Rosmarino	Rosmaryn	Romero	Rosmarin	Rosmarin
Rue	Ruta	Ruta	Ruda	Rude	Raute
Ruta Baga	Cavolo navone	Col nabo	Nibicol	Roe	Kohlrube
Saffron	Zafferano	Szafran	Azafran	Safran	Wrucken
Sage	Salvia	Szalwija	Calvia	Salvie	Salbei
Salsify	Sassafrica	Jarzy, Ostryga	Salsifi blanco	Havrerod	Hoferwurzel
Sorrel	Acetosa	Szczaw	Acedera	Syre	Sauerampfer
Summer Savory	Santoreggia	Caber ogrodowy	Ajedrea comun	Sar	Bohnenkraut
Spinach	Spinace	Szpinak	Espinaca	Spinat	Spinat
Squash	Zucca	Miekurz	Calabaza	Squash Graeskar	Kurbiss
Swiss Chard	Bieta	Bleda	Bleda	Blad bede	Beisskohl
Thyme	Timo	Mcierzanka	Tomillo	Timian	Thymian
Tomato	Pomo d'oro	Pomidor	Tomate	Tomat	Liebeaapfel
Turnip	Navone	Rzepa, brukiew	Nabo	Turnips	Weisse-Rube
Wormwood	Assenzio	Piotun	Ajenjo	Malurt	Wermuth

TWO STORES

Do not forget we have two stores in Erie. One at 1517 State (opposite Central Market below Sixteenth Street) and the other at 1003 Parade Street.

Use either store which ever might be the handiest as you will receive the best quality Tested Seeds and Courteous Treatment at either store.

THE OLDEST SEED HOUSE IN NORTHWESTERN PENNSYLVANIA

